IoT For Utilities
Conference: December 2-3, 2015

Keynote Speakers

Don Whaley
President, Verde Energy USA-Texas

William Bell
Director, Operations & Corporate Analytics, CenterPoint Energy

Ramesh Reddi
Cyber Security Consulting Manager, SGIP

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Marriott West Loop by The Galleria
1750 West Loop South
Houston, Texas 77027
713-960-0111
Utilities are in the midst of phenomenal change.

Technology is rapidly changing and utilities are needing to keep pace to remain competitive and efficient. It is a time when the innovative, strong and nimble survive, while the unimaginative, weak and slow disappear.

One way utilities are innovating in search of efficiencies is looking at how to harness their data across their supply chain by connecting their “things” – the people, processes and assets.

Huge investments have already been made in technology across operations – now, the key is to leverage these investments to create new efficiencies and cost savings.

We are proud to launch the first conference in the world to focus on how utilities can use IoT to:
• Improve the overall customer experience and remain competitive
• Increase efficiency and reliability
• Improve operations

This conference is the perfect platform for industry experts, professionals and solution providers to share and discuss the challenges companies face when implementing and using IoT technology, and discover new and innovative ways to improve business processes and efficiency.

We have designed the conference so it is not a talk-fest. It will not be a series of product pitches. It will be an outcomes-driven gathering of innovators and buyers that will focus on:
• Real-world case studies from operators and service companies already seeing the benefits of IoT.
• One-to-one meetings and networking through our unique Conference Connect platform–before, during and after the events.

We believe the conference is a must-attend for technology and operations professionals wanting to keep pace with rapidly developing technology.

I look forward to meeting you in December.

Sincerely,

Symon Rubens
CEO, Energy Conference Network

Upcoming Energy Conference Network Events

**Big Data & IoT in Oil & Gas Canada**
**FEBRUARY 16-17, 2016**
Calgary, Alberta, Canada

**Hydropower Infrastructure Opportunities South America**
**FEBRUARY 24-25, 2016**
Bogota, Colombia
Day One  December 2, 2015

WELCOME

8:00 AM    Registration

8:45 AM    Chairperson opening remarks

9:00 AM    Keynote speaker: The future of utilities - how IoT is revolutionizing business models and transforming markets
- Extracting value from smart meters - big data and analytics
- Optimizing the role of energy management in smart homes and home control platforms

BIG DATA & ANALYTICS

9:40 AM    Managing the next generation grid
- Leveraging big data analytics to increase grid reliability
- Harnessing big data to increase operational efficiency
- Centralizing siloed data points in real time
- Managing asset conditions though real time monitoring
William Bell
Director Corporate Analytics
CenterPoint Energy

11:10 AM    Vertical analytics in machine to machine devices in utilities to improve its network efficiencies
Sacha Fontaine
Smart Grid Consultant
Duke Energy

11:40 AM    Addressing the challenges of supporting data loads and real time analytics on aging grids
- Implementing the right platform to better handle data
- What role are ‘niche’ startups playing in the development of new and better ways to handle data and analytics?

12:10 PM    Lunch

1:10 PM    Using real time analytics to improve asset condition management and increase energy efficiency
- Extracting value from data to become actionable in real time and improve asset performance and efficiency
- Maximizing value of Intelligent Assets

IOT AND THE BUSINESS MODEL

1:40 PM    Next generation business models in utilities
- How can utilities create new revenue streams and business models beyond selling power through copper?

2:10 PM    Reality of the transition: From here to... where?
- A roadmap to IoT integration with an ageing infrastructure
- How do companies implement a larger integration plan with new back end technologies
- User acceptance testing - ensuring the customer engagement plan created in the backend is what the customer wants

2:40 PM    IoT Deployment: The challenges of designing, deploying, and managing wireless IoT solutions
Rick Harlow
VP M2M
Integron

3:10 PM    Afternoon break and networking

3:40 PM    The future of energy management
- Meeting renewable targets
- Enabling microgrids
- Distributive resource management
- Changing the business model- IoT enables devices to be actionable in real time

4:10 PM    Roundtable discussions
- Customer Engagement
- Cyber Security
- Big Data and Analytics

5:10 PM    Closing remarks/ conference close

ARE YOU A MEMBER OF OUR LINKEDIN GROUP?
JOIN TO ENGAGE IN DISCUSSIONS WITH THE EXPERTS OF THE INDUSTRY

IOT IN ENERGY
## Day Two  December 3, 2015

### WELCOME

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<td>Roundtable findings</td>
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### CYBERSECURITY

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<tr>
<td>11:30 AM</td>
<td>IoT Cyber threat management in Utilities</td>
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<td></td>
<td>• Supporting strategic business decisions and leveraging the value of security</td>
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<td>• Defining and encompassing the organization’s extended cybersecurity ecosystem</td>
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<td>• Ensuring the organization understands the need for strong governance, user controls, and accountability</td>
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<td>12:00 PM</td>
<td>How can Utilities navigate NERC-CIP security regulations?</td>
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<td>12:30 PM</td>
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### CUSTOMER EXPERIENCE

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<td>3:00 PM</td>
<td>Building a successful customer engagement experience</td>
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<td>• Analyzing and applying the right data</td>
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<td>• Utilizing smart metering to maximize value and efficiency</td>
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<td>Don Whaley</td>
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<td>President-Texas</td>
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<td>Verde Energy USA</td>
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### CASE STUDY: APPLICATIONS OF IOT TO BETTER INTEGRATE BEHIND THE METER ASSETS

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<tr>
<td>10:00 AM</td>
<td>Case Study: Applications of IoT to better integrate behind the meter assets</td>
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<td>• Analyzing IoT applications in microgrids</td>
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<td>• Examining storage challenges</td>
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<td>• Integrating sensors to optimize performance</td>
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<td>3:30 PM</td>
<td>AMI: How can it help improve customer satisfaction?</td>
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<td>• Real time information through smart meter technologies</td>
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<td>• Developing products and services that leverage the features of AMI</td>
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<td>Dr. Matthew Croucher</td>
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<td>Director of Demand Side Analytics</td>
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<td>CPS Energy</td>
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<tr>
<td>4:00 PM</td>
<td>Closing remarks/ conference close</td>
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Agenda is subject to change. For most recent agenda visit [WWW.HTTP://ENERGYCONFERENCENETWORK.COM/IOT-FOR-UTILITIES](http://WWW.HTTP://ENERGYCONFERENCENETWORK.COM/IOT-FOR-UTILITIES)

DOWNLOAD THE ENERGY CONFERENCE NETWORK APP ON YOUR PHONE AND CONNECT WITH KEY INDUSTRY CONTACTS, BEFORE, DURING AND AFTER THE CONFERENCE VIA CONFERENCE CONNECT.
Steve Jennis
SVP Corporate Development, Industrial Internet Consortium

Don Whaley
President - Texas, Verde Energy USA

William Bell
Director, Operations & Corporate Analytics, CenterPoint Energy

Sacha Fontaine
Smart Grid Manager, Duke Energy

Rick Harlow
Vice President of Global M2M Solutions, Integron

Dr. Matthew Croucher
Director, Demand Side Analytics, CPS Energy

Ramesh Reddi
Cyber Security Consulting Manager, SGIP

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**Flutura**
Flutura is a pioneering Decision Sciences and Analytics Company and one of the first in the world to focus on analytics for connected machine or M2M/IoT – a niche space characterized by large volumes of data emitted from multiple disparate sources such as critical assets/machines. There is a goldmine of insights hidden in this data, and advanced analytical techniques can surface these insights that are immensely beneficial to business operation. Flutura is amongst the very few companies to have solved real life problems in this highly evolving field. Flutura’s revolutionary IoT Analytics platform, Cerebra, has been used by some of its marquee Fortune 500 customers to uncover hidden opportunities in data to maximize return on investment from their assets.

**Integron**
Integron is a M2M (Machine-to-Machine) deployment services company. We specialize in helping clients design, deploy and manage wireless M2M solutions. Integron has developed practice specialization in telehealth, remote patient monitoring, energy smart meter/grid, telematics and remote service solutions. Integron Deploys and Supports devices, appliances and wireless assets. Asset management is at the core of our service offering and results in the visibility to a wireless device, its location, what asset(s) are associated with it, its wireless activity and performance.

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