

# UtiliSite

## Fiber Summit



Utilities  
Technology  
Council™



UTILISITE™  
COUNCIL

CORNING



**Prysmian**  
Group

**PROGRAM**

Hyatt Regency | March 5-6 | Jacksonville, FL

**Fiber Summit  
March 5-6, 2018  
Hyatt Regency  
Jacksonville, FL**

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**Monday, March 05, 2018**

**12:30pm - 5:00 pm            Registration Open**

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**1:00pm                            Welcome Remarks – Sheila Wells, NES and UtiliSite  
Council, Chairperson**

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**1:15 – 2:15pm                Session #1 – Fiber 101**

Utilities are deploying an increasing amount fiber for their own internal communications needs, and also leasing capacity or providing broadband services over fiber as well. This session will provide an overview on Fiber Optics, its history, types of fiber optics, etc.

**Moderator:**                Sheila Wells, Nashville Electric Service

**Speaker:**                    Chuck Sedgwick, GHMR

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**2:15 – 3:15pm                Session #2 – Regulatory Update - Things to Consider in  
Fiber Contracts**

The Telecommunications industry is advancing quickly due to the demand for high-speed internet services and the increased backhaul needs for 4/5G Wireless networks. There are a number of legislative and regulatory activities that can have an impact on the utility infrastructure including the Broadband Advisory Council, FCC proposed rule makings, in addition to activities at the state levels. This session will also explore the things to consider in a Fiber Lease Agreement.

**Moderator:**                Brett Kilbourne – UTC VP and General Counsel

**Speaker:**                    Doug Jarrett, Keller & Heckman

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**3:15 – 3:30pm                Networking Break**

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**3:30 – 4:30pm**

**Session #3 – The Future of Glass.**

The demand for fiber optic infrastructure is on the rise due to customer demand for high speed internet and 4/5G wireless. What does the future hold for fiber? What considerations should be part of any future fiber deployments? What is the future hold 5 or 10 years down the road?

**Moderator:** Bobbi Harris, UTC VP of Market Strategy & Development

**Speaker:** Michael Etienne, Corning

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**4:30 – 5:30 pm**

**Session #4 – UTC Fiber Research Study: OPGW Study Results**

The session will review the analysis and findings of the UTC Life Cycle of OPGW cable study and highlight the upcoming Fiber Rate Study.

**Moderator:** Gary Vondrasek, JEA

**Speaker:** Tim Valin, West Monroe Partners

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**5:30 – 6:30pm**

**Networking Reception**

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**Tuesday, March 06, 2018**

**8:00am – 5:00 pm**

**Registration Open**

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**8:30 – 9:00am**

**Attendee Continental Breakfast**

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**9:00 – 10:00am**

**Session #5 – Fiber Use Cases**

Discuss how the construction of a fiber network can enhance the utility operations with initiatives such as AMI, Smart Grid, etc. What opportunities exist to leverage the fiber assets with external entities.

**Moderator:** Sheila Wells, NES

**Speaker:** Jaclyn Whitehead, AFL

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**10:00 – 11:00am**

**Session #6 – Fiber Business Models**

A roundtable discussion of utility fiber networks and their operations in addition to the different fiber business models and the associated opportunities and challenges.

**Moderator:** Gary Vondrasek, JEA  
**Speakers:** Kristie Goodson, TVA  
Paul Meyer – Lakeland Electric

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**11:00am – 12:00pm**

**Session #7 – Construction & Maintenance Processes -  
Design and Installation of ADSS Plant.**

A properly executed ADSS fiber network requires relatively little maintenance. But, proper specs and installation are key. This presentation highlights a short list of factors that are critical to long-term reliability. Special attention will be given to the often-overlooked topic of fiber strain. A region 3 co-op will also share their experiences in the field.

**Moderator:** Paul Meyer, Lakeland Electric  
**Speakers:** Jon Fitz, Prysmian Group  
Casey Logan, Prince George Electric Cooperative

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**12:00 – 1:30pm**

**Networking Lunch**

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**1:30 – 2:30pm**

**Session #8 – What is Going on in the Fiber World**

This session will provide an insight into what the financial markets see as the opportunities, risks, and what the future holds. (Market update, 5G, Smart City, IoT/IloT, mergers/acquisitions.)

**Moderator:** Gary Vondrasek, JEA  
**Speaker:** Jason Gredell, JPM Chase

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**2:30 – 3:30pm**

**Session #9 – Use Cases for Private Dark Fiber Networks**

The growing availability of dark fiber through service providers, munis and utilities is becoming a key enabler for private WANs networks as well as to support the

## (2:30 – 3:30pm Session #9 Con't)

growing needs for wireless backhaul services. A private dark fiber network enables enterprises and wireless carriers to gain control of their networks to better meet the stringent performance, reliability, and security demands of data-intensive applications.

A private dark fiber network is ideal for any enterprise or institution requiring fast, reliable, and secure network connectivity between data centers, between large locations, and across the enterprise WAN.

In this session, we will explore the following use cases for private dark fiber including:

- K-12 Networks– enabled by E-rate funding, for digital classrooms, on-line learning applications, administrative systems, security and surveillance, and school, office, and data center connectivity
- Backhaul for 5G networks: We'll discuss the drivers for 5G, the latest 5G backhaul architectures and why the availability of dark fiber will be key to success of these networks
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**Moderator:** Bobbi Harris, UTC VP of Market Strategy & Development

**Speakers:** Mitch Simcoe, Ciena

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## 3:30 – 4:30pm

## Session #10 - Fiber and Wireless Collaboration

Utilities are using fiber in addition to wireless to support the utility operations. Is there a means to leverage the fiber network and wireless infrastructure to enhance and advance the utility with smart grid, IoT/IloT, Smart City, and other consumer solutions?

**Moderator:** Sheila Wells, NES

**Speakers:** Kevin Fitzgibbons, RADwin  
Tim Phillipe, GE  
Judy LeStrange, GE

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## 4:30 – 5:00pm

## Summit Insights and Wrap Up

**Speaker:** Gary Vondrasek, JEA

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