

2019 WISCONSIN JOINT USE CONFERENCE

March 13 and 14, 2019
Glacier Canyon Lodge at Wilderness Resort
Wisconsin Dells, WI



COLLABORATE, DESIGN, BUILD

The Joint Use Future is Now!

With the recent FCC policy changes and new technologies, it is increasingly important for stakeholders to foster open dialogue, solve shared challenges, and execute joint use projects.

Welcome to the 2019 Wisconsin Joint Use Conference! This conference brings together representatives from the utility, telecommunications, wireless, and cable industries. We trust you will find many key takeaways from the fresh topics, impactful speakers, roundtable discussions, networking opportunities, and expert panelists. Thank you for coming!

CONFERENCE DEVELOPMENT TEAM

The topics for the content of the Wisconsin Joint Use Conference came from past conferences and meetings, member input, and industry trends. This conference is created for you -- we encourage you to share your feedback with the following contributors:

- Tammy Bartels, Alliant Energy
- Randy Bunnell, TAK Communications WI, LLC
- Melissa Hardman, Xcel Energy
- Jim Karls, Madison Gas and Electric
- Genie Kelly, Wisconsin Utilities Association
- Pam Malmborg, Wisconsin Public Service
- Alex Metz, American Transmission Company
- Jane Rossing, Madison Gas and Electric
- Paul Schmidtke, AT&T
- Nicole Smullen, We Energies



REGISTRATION AND HOTEL INFORMATION

Registration fee is \$165 per person. Register online at www.wiutilities.org and click on the 2019 Joint Use Conference tab.

Conference room rates at the Glacier Canyon Lodge Wilderness Resort are \$100 plus taxes and fees per night. For reservations, contact Glacier Canyon Lodge at 1-800-867-9453 or www.glaciercanyonlodge.com and mention Code 677594.

Business casual attire is appropriate for all conference activities.

Keep up-to-date on all the latest conference happenings. Follow us on Twitter @WIJointUseConf

CONFERENCE SCHEDULE

WEDNESDAY, MARCH 13

7:00 a.m. to 5:00 p.m.

Registration Open

7:00 a.m. to 8:00 a.m.

Continental Breakfast

8:00 a.m. to 8:15 a.m.

Welcome

Paul Schmidtke, AT&T

8:15 a.m. to 9:45 a.m.

Safety Beyond the Numbers – The Personal Side of an Accident

Chad Powers, Madison Gas and Electric

With every life-changing injury there are physical, mental, and emotional impacts to the individual. The physical impacts are sometimes easily noticed. What isn't so noticeable is the mental/emotional struggle, impacts on friends, family, and coworkers and the details of the ongoing healing process. By telling the story of his accident, Chad will explain what caused his mistake, his thoughts while he was in contact with 8,000 volts of electricity, the impact that it had on his family, friends, and coworkers, the mindset that it took to endure the healing process which included five months of narcotic withdrawal, and his perspective on safety numbers.

9:45 a.m. to 10:00 a.m.

Break

10:00 a.m. to 10:45 a.m.

Railroad Permitting

Dave Thomas, Eagle I Resources, LLC

Railroad crossing permit fees are a concern for the utility industry and the annual rental fees for these crossing installations continue to rise. Until the late 1970s, many people living next to railroad tracks assumed the railroads owned the land the tracks were on. This assumption was incorrect. Many, if not most, users of the right of ways do not own the underlying land that the right of way is on; they only have an easement for a specific purpose.

10:45 a.m. to 11:00 a.m.

Break

CONFERENCE SCHEDULE

WEDNESDAY, MARCH 13

11:00 a.m. to 12:00 p.m.

Introduction and Overview of the 2017 NESC NESC Legal Status and Compliance

John Miner, Collaborative Learning, Inc.

- History and purpose, organization and contents, committee structure, interpretations, revision process, references and resources, application principles, and overview of joint-use issues.
- Standard of care, theories of liability, theories of negligence, legal defenses, design and construction documentation, initial and in-service routine inspections, hazard recognition and correction, and inspection and maintenance documentation.

12:00 p.m. to 1:00 p.m.

Networking Lunch

1:00 p.m. to 5:00 p.m.

Breakout Sessions

(see topics and speakers on opposite page)

5:00 p.m. to 7:00 p.m.

Vendor-Sponsored Reception

BREAKOUT SESSIONS

TOPIC AND SPEAKER

1 PM

2 PM

3 PM

4 PM

Joint Use 101

Leila Hussein, Alliant Energy

Joint Use 101 will break down the basic physical materials involved in joint use. A must for those who are new to the joint use industry and those who are not frequently working in the field and want a refresher.

A

A

ATC Pole Attachments – The Accommodation Process Explained

Alex Metz, American Transmission Company

ATC works with other utilities to accommodate proposed attachments to ATC transmission facilities. During the session, we will review the ATC Business Practice: “Electrical Underbuild and Attachment to ATC Transmission Facilities,” and you will receive a description of the attachment application process including limitations to and requirements for the attaching utility.

A

A

Q&A With a Communications Attorney

Chris Huther, Wiley Rein, LLP

Find out about the latest updates in federal policies from the communications perspective.

B

B

Q&A With an Electric Power Attorney

Tom Magee, Keller & Heckman, LLP

Find out about the latest updates in federal policies from the electric power perspective.

B

B

Collaboration

Dianne Costello, Alden Systems, Inc.

We often think of collaboration as this big thing, but collaboration is something that happens on a smaller scale, within teams with clear and sometimes narrow focus. We will suggest ways for joint use collaboration to occur -- internally with your joint use team and other departments and externally between pole owners and pole attachers. Identifying best practices is a large part of collaboration and will also be included in the discussion.

C

C

Best Practices for Deploying and Energizing Small Cells on Utility-Owned Infrastructure: How to Safely Maximize Efficiency by Coordinating with Municipalities and Utilities

Matt Tuchman, Mobilitie

In order to augment capacity and improve service across the country, our country needs to deploy and energize 800,000 small cells by 2026. How will we accomplish this difficult task? Establishing consistency in site selection, designs, surveys, engineering, and construction are important, but communication and cooperation are the key.

C

C

Q&A With a Wireless Attorney

David Rines, Lerman Senter PLLC

Find out about the latest updates in federal policies from the wireless communications perspective.

D

D

BREAKOUT SESSIONS

TOPIC AND SPEAKER	1 PM	2 PM	3 PM	4 PM
Railroad Dave Thomas, Eagle I Resources, LLC This will be your opportunity to participate in a roundtable discussion and have your questions answered in depth. Take good notes during the presentation and be ready to ask them in this informative session.	D		D	
How to Make Pole Transfers Work (Panel Session) <ul style="list-style-type: none"> Pat Anderson, Charter Communications Melissa Hardman, Xcel Energy Jim Karls, Madison Gas and Electric Nick Reynolds, CenturyLink 	E/F	E/F		
Public Service Commission of Wisconsin Administrative Rulemaking Rory McGarry, Wisconsin Public Service Commission This presentation by Commission staff will provide an overview of the process used by the Public Service Commission of Wisconsin to promulgate Administrative Code.			E/F	E/F
Overhead Line Clearances and Spacings John Miner, Collaborative Learning, Inc. <ul style="list-style-type: none"> Conductor and cable sag & tension characteristics Vertical clearances to ground & water (Section 232) Clearances between adjacent & crossing lines (Section 235) Clearances to structures (Section 234) Horizontal and vertical spacings at attachments 		Main		
Overhead Line Loading and Strength John Miner, Collaborative Learning, Inc. <ul style="list-style-type: none"> Grades of construction (Section 24) Required conductor ice & wind loading calculations (Section 25) Application of NESC load factors to loading calculations (Section 25) Overhead line structure types, material characteristics, and strength factors 		Main		
Joint Use Electric Supply and Communication Lines and Equipment John Miner, Collaborative Learning, Inc. <ul style="list-style-type: none"> Industry trends Past, present & future issues with joint-use Federal & state regulations NESC clearance & spacing requirements (Part 2 – Overhead Lines) NESC strength requirements (Part 2 – Overhead Lines) NESC burial and separation requirements (Part 3 – Underground lines) 			Main	
Principles and Practices for Effective Joint Use Agreements John Miner, Collaborative Learning, Inc. <ul style="list-style-type: none"> Principles and practices for safety and regulatory compliance Principles & practices for make-ready, notification, installation/modification, and records management Technical and management elements of joint-use agreements Contemporary issues and best practices with joint-use Joint-use Q&A 				Main

CONFERENCE SCHEDULE

THURSDAY, MARCH 14

7:00 a.m. to 8:00 a.m.

Breakfast Buffet

8:00 a.m. to 9:30 a.m.

Reaction to FCC Policy Changes (Panel Session)

- Leila Hussein, Alliant Energy
- Chris Huther, Wiley Rein, LLP
- Tom Magee, Keller & Heckman, LLP
- David Rines, Lerman Senter PLLC
- Wisconsin Cable Communications Association Attorney

9:30 a.m. to 9:45 a.m.

Break

9:45 a.m. to 11:00 a.m.

One-Touch Make Ready For Joint Use Pole Attachments

Dan Nelson, Mi-Tech

- Explain what one-touch make ready is and how it will impact the industry.
- Pros and cons from both the utility owner and attachers perspectives.
- Reasons for the push towards one-touch make ready.
- Explain utility permit steps/procedures and time lines with and without one-touch make ready.
- How will one-touch make ready process work.
- Make ready design and construction contractors.
- How all parties involved can work together to complete projects time and cost efficiently.

11:00 a.m. to 12:00 p.m.

Drones and Utilities: Innovating Safety and Efficiency

Chris Johnson, Unmanned Aircraft Systems Advocacy Network

This session will cover the emerging trends and business opportunities behind Unmanned Aircraft Systems. Also known as drones, these innovative technologies are enabling vast improvements in safety and efficiency, saving hundreds of industries millions of dollars annually, and since the utility industry is one of the top market segments for the adoption of drone technology, attendees will leave this session with a newfound appreciation for the potential return on investment in this disruptive technology.

12:00 p.m. to 1:30 p.m.

Networking Lunch and Door Prize Raffle

1:30 p.m.

Conference Adjourns

VENDOR ROSTER

VENDOR SPONSORS

Mi-Tech Services, Inc.

Tim Wagner

Gold Sponsor

mi-tech.us

TAK Communications WI, LLC

Randy Bunnell

Gold Sponsor

takcommunications.com

Utility Sales and Service

Tom Saunders

Silver Sponsor

utilityssi.com

ZYXEL Communications, Inc.

Chris Lanier

Silver Sponsor

zyxel.com

Seiler Instrument

Gale Shea

Bronze Sponsor

seilerinst.com

SPIDA Software

Brett Willitt

Bronze Sponsor

spidasoftware.com

VENDORS

Alden Systems

Jacob Harrison

aldensys.com

Clearfield

Darrel Farr

seeclearfield.com

Elster American Meter

elster-americanmeter.com

Groebner

Tom Cherovsky

groebner.com

Michels Corporation

Katie Schwartz

michels.us

Multilink

Rory Troff

gomultilink.com

Vanguard Utility Partners, Inc.

Randy Bern

vanguard.net