

AI	Broadband	Emerging Technologies
Quantum networking	Utility Middle Mile Opportunities	AI
AI utility use for maintenance	Utility Asset Utilization	Backing up systems - various topics
AI utility use for IT business applications	Sharing fiber for broadband services	LEO
Utility case studies on AI data analysis	Legal/Regulatory when providing Broadband Services - detail	Supply Chain – Material lead times
Fiber use & maintenance analysis	Middle Mile Physical Layer lessons learned - Use cases	
AI use in collocation	Broadband 101	
Uses & risks of AI	Supply Chain – Material lead times	
Contract Management		
Machine Learning vs. Generative AI		
Where is the data coming from		
Where do utilities need to start on AI		
AI 101		
Supply Chain – Material lead times		

Packet Transition	Telecom Systems	UtiliSite
Subjects from PT	Network Timing	FCC regulation compliance
next meeting	Maintenance/Resiliency	Tower Maintenance
All subjects high attend	Failover between different types of Networks	(Process from inspection to remediation)
Scalability & training	for Business use cases	Utility Tower Lease contract 101 and negotiation skills
Pro's & Con's (IP-MPLS) - (MPLS-TP)	NOC monitoring	Vegetation Management
Layer 3 services VPRN	Guidelines for new Telecom	Standards on utilization of utility poles for end users
Penetration Testing in OT Networks	engineers on expectations	and do to manage them internally
Supply Chain – Material lead times	Telecom/Packet 101 (Terms)	Tower Maintenance – Lighting
Packet Transition 101	Real Time Contingency - Control Centers & Telecom Networks	Supply Chain – Material lead times
	Communication Back-ups to sites	
	Supply Chain – Material lead times	
	Telecom 101	

Enterprise IT	Fiber	LMR
Data Centers	Physical Security Options	LMR and LTE Interoperability
IP Phone Systems	Maintenance/Resiliency	In depth DTT over 5G cellular
Protecting Company data in cloud	Underground Fiber Construction	Land Mobile Radio 101
AI data where does it come from	Fiber Restoration Use Cases	RF Exposure & Worker Safety
Reliable data for AI & Security	Fiber Technology Future Advancements	Sharing of LMR with other entities
Cloud Service Issues	Optimizing your fiber network	Supply Chain – Material lead times
Supply Chain – Material lead times	Implementation of Fiber Restoration Guidelines	
	Permitting, ROW, Environmental Regulations	
	Mutual Aid	
	Fiber Maintenance -- all fiber systems	
	Wildfire Mitigation & Satellite Imaging	
	Fiber Demarcation into other entity substations/facilities	
	SLA's agreements & management	
	Fiber 101	
	Fiber Micro Cables	
	Supply Chain – Material lead times	

Wireless	Technology Business Strategy & Development	Other
Alternate Communication Methods	Project Business Cases	
1. Starlink or other Satellite Companies	Setting up your Telecom Strategy	
2. Verizon or other cell companies	Updating you Telecom Strategy	
Satellite applications for utilities	Telecom Systems Business Strategy	
FCC regulation compliance	AI Business Strategy	
6 GHz Subject - Inference what do we see	LMR Systems Business Strategy	
Moving to 11 GHz +/-	PLTE Business Strategy	
Addressing Interference & Capacity	Fiber Systems Business Strategy	
Satellite Use Cases	Wireless Systems Business Strategy	
Strategy & Communicate Spectrum needs	Emerging Technologies Business Strategy	
LTE vs Multipoint Network uses	Wireless Systems Business Strategy	
Wireless 101	Project Tracking Dashboards	
Microwave Waveguide Installation, Pressurization, Dehydrators – Set ups and maintenance	Developing Maintenance & Software Business Strategies (Utility ownly session)	
Supply Chain – Material lead times		

OT	PLTE	Security
DER	Practical LTE Testing	Physical Security Options
Substation Technology going forward	LMR and LTE Interoperability	Network systems/cyber security
Where to start substation transformation	Use case applications over PLTE	NERC/CIP - Control Centers 12-2
Telecom Systems support of Digital Sub	Field Testing use cases	Meeting the demands of NERC/CIP in your Telecom Systems
Telecom/Substation Partnerships	Cellular Strategies for PLTE	EISAC Reporting
Virtualization vs Centralization	PLTE installation use cases	COMISAC Reporting
IEC 61850	PLTE 101	Physical Asset Security -attacks on assets
DERM data not using private network	Supply Chain – Material lead times	Doing your own GRIDX exercise
Penetration Testing in OT Networks		Utility Security 101
Virtualization real world implementations		Supply Chain – Material lead times
OT 101		
Supply Chain – Material lead times		