	UTECH	Technical Conference Program Schedule (as of Jan 19, 2024 - subject to change)															
TINTERNA	Advanced Distribution Operations Sponsored by G&W Electric	Asset Management Sponsored by Mitsubishi	Communication Tech /Networks Sponsored by Ericsson	Customer Engagement Sponsored by AWS	Cyber and Physical Security Sponsored by Palo Alto	Data Analytics Sponsored by Bidgely	DER for Reliability Sponsored by GE Vernova	DERMS Sponsored by OATI	Energy Orchestration and the DSO	Environmental, Social, and Governance Sponsored by EY		Vehicles I by Bidgely	Grid Modernization Sponsored by Sensus	Smart Cities Sponsored by OATI	Storm & Disaster Management	System Hardening & Vegetation Management Sponsored by AIDASH	The Flexible Grid Sponsored by Infosys
	W308CD	W307CD	W303	W304EF	W308AB	W304AB	W204	W207	W311AB	W304GH	W203	W209	W208	W307AB	W304CD	W311CD	W202
Tuesday, Feb. 27th 10:15 am - 10:45 am	PG&E's ADMS-Based Fire Mitigation Solution	Programmatic Aerial Inspections on T&D Assets: Scaling Data Collection and Inspection Management	Enabling Utility Use-Cases Through a Hybrid Advanced Communication Network Consisting of Fiber Optics and PLTE	Powering the Energy Transition with AMI 2.0 (10:15 am - 11:15 am) es	Mitigating Cybersecurity Risks in Electric Grids with a High Penetration of Distributed Renewables	PG&E's Reliability Intervention Analytics	Community Microgrids at Scale: Powering Resilience and Grid Optimization (10:15 am - 11:15 am)	The Role and Functionality of DERMS: Considering if and When a DERMS is Right (10:15 am - 11:15 am)	From DNO to DSO: New Strategies, Capabilities, and Lessons for the Evolving Utility (10:15 am - 11:15 am)	Workforce Transformation: Digitizing and Upskilling Utility Field Service	Managed Charging in Commercia and Residential Buildings – Bringing Together the Technology Value Chain	Charting the Future of Marine Electrification and Charging Infrastructure: A Multi-Perspective	Digital Innovation for Distribution Grids at Duke Energy	What Else Can Your Smart Streetlight Do for You?	How Avista Improved Customer Response Times and Satisfaction with Al-driven Storm Predictions	How Satellite Intelligence Can Help Mitigate Risk, Optimize Cost, Reduce Wildfires and Improve	Scaleable, Automated, Performance-based Demand Response
11:05 am - 11:35 am	Rapid Detection of Downed Conductors	Intelligent Image Processing: A Game-Changer in Wildfire Risk Mitigation	PLTE Testing of Utility Use-Cases in support of Grid Modernization		Ransomware Proof EMS to Mitigate a Zero-Trust Network Attack	How SDG&E is Using Customer Natural Language Analytics				Practical Considerations for the Adoption of Digital Transformation at the Modern Utility	Utility Planning for Distribution- Optimized EV Charging	Panel (10:15 am - 11:15 am)	SCE's Roadmap for Fully Digital Substation and Protection Virtualization	Your Streetlight as a Meter?	Improving Customer Experience during Outages using Advanced Analytics	Reliability (10:15 am - 11:15 am)	(10:15 am - 11:15 am)
1:00 pm - 1:30 pm	AEP - Building the Foundation of Distribution Operations of the Future with ADMS/DERMS	Smartening Up Field Services for Enhanced Asset & Customer Service Sponsored by (insert HLC Technologies logo)	Private Virtual Network Operator (PVNO): What is it and How Can Utilities Benefit from it?	Insights by (insert Salesforce logo)	Progress on Securing Energy Infrastructure through Electric Energy OT Security Profiles		Evaluating a mobile BESS System Operating in Time-shifting Mode in a Brazilian Electrical Network	Insights by (insert Autogrid logo)	Maximizing Opportunities and Value from DERs and Flexible Loads for the Distribution Grid	Al Impact in Utilities	Insights by (insert Kaluza logo)		Insights by (insert ABB logo)	Smart Cities, Electric Mobility, and Charging Infrastructure Sponsored by (insert Hatch logo)	Outsmarting Outages during Extreme Weather Events in Louisiana	Insights by (insert Entrust Sol logo)	Microgrids on Tribal Lands: An Inclusive Approach to America's Energy Transition
1:50 pm - 2:20 pm	A Look Inside Data Center Power Distribution Systems Sponsored by (insert G&W Electric logo)	The Single Pane of Glass: Asset, Work, and Inspection Management via Custom Mobile Applications	Microwave Communications: 6GHz Interference Mitigation	Transforming the Customer Experience through Cloud Technologies (insert AWS logo)	Defending Substations Against Cyber Threats with Zero Trust Sponsored by (insert Palo Alto logo)	Continuous, High Resolution Monitoring For Better Understanding of the Distribution System via a Cloud-Hosted Data Platform	Moving from Challenge to Opportunity: Leveraging DER in Grid Operations for Improved Reliability, Sponsored by (insert GE Vernova logo)	Strategic Synergy: The Significance of a DER Operating Model for Successful DERMS Strategy	Lessons Learned: DSO Markets in North America and Europe	Strategic Deployment of AMI: How Effective Change Management Enabled Success	PSEG LI an Using Analytic TOU Rates to Centric I Programs: Lessons Learned Soonsored by	EV Managed Charging: How PSEG L1 and NV Energy are Using Analytics, Telematics, and TOU Rates to Drive Customer- Centric EV Solutions Sponsored by (insert Bidgely logo	and Root Practices for OT Davison	Vehicle-to-Grid Technology - Add Revenue Opportunities & Resiliency to the Grid		Restoring Large Crossing Towers to Help Ensure Structural Resillency	Powering Progress: A Virtual Power Plant Journey toward 2030 Goals
2:40 pm - 3:10 pm	What, Why, and How: Executive Insights from Canada's First Community-wide Smart Grid Initiative	Reimagining NERC PRC-005 Battery Monitoring: How To Move from Past Practice to the Digital Future	Rethinking Sustainable Sites for Utilities Sponsored by (insert Ericsson logo)	How to Run a Battery Pilot: Evergy's Win-win Approach	Exploring the Future of Cybersecurity Compliance in the Utilities Sector	Al, GPT, and the Modern Utility: Harnessing Data for Engaged Customers and a Resillent Grid (insert Bidgely logo)	Remote Grids: A Safe and Cost- Effective Solution for Wildfire Mitigation	DER Data Readiness for DERMS		E2E Electrification Approach & Strategy (insert EY logo)	(1:50 pm - 2:50 pm)	Ford Customer Experiences, Behaviors, and Performance in Vehicle - Grid Integration Programs	Grid Modernization: Paving the Way for a Sustainable Energy Future Sponsored by SENSUS	Advancing City Operations and Green Goals (insert OATI logo)	Cold Load Pickup with AMI	Advances in Cable Rejuvenation over the Past 3 Decades: An Incredible Success Story	Insights by (insert infosys logo)
3:30 pm - 4:00 pm	SMUD's Journey to a Full Model Distribution Power Flow and its Role in Switch Order Management	A Case Study in NREL DERMS Asset Management Implementation Sponsored by (insert Mitsubishi logo)	Demystifying Private Cellular with Four Major IOUs	How to Run a Battery Pilot: Evergy's Win-win Approach  Grid Edge Voltage Control - A New Toolkit for Restoring and Maintaining Power Quality	How To Secure Edge Device Amid Changing Standards: Two Utilities Share Their Journeys (3:30 pm - 4:30 pm)	Unlocking the Power of Insights with Data Mesh and Data Lakehouse	Bumpers on a Bowling Lane: Using Dynamic Operating Envelopes to Maximize DER Utilization	DERMS: Enabling the Energy Transition Sponsored by: (insert OATI logo)	Operational Orchestration Among ISO, Aggregators, and Distribution Operations	Human Performance Improvement: Culture, Methods, and Tools to Improve Safety and Deliver Technical Excellence	Transportation Electrification with an Eye on Energy Justice: Planning for Medium and Heavy	Case Study: Fleet Electrification a CenterPoint Energy	Grid Transformation in the Tennessee Valley	nessee Valley Cities for Cities	A Storm is Brewing: Using Data Science to Mitigate Storm Damage (3:30 pm - 4:30 pm)	How Nova Scotia Power Assesses More Lines in Difficult Locations with Satellites and Al Sponsored by (insert Aidash logo)	Enabling a Self-healing Grid through FLISR
4:20 pm - 4:50 pm	Grid Enhancement: OG&E FLISR Journey - From Concept to System Wide Automatic Implementation	Navigating Asset Management: Lessons Learned in Data Analytics for a Mid-Sized Municipal Utility	(3:30 pm - 4:30 pm)			How Southern California Edison is Reducing Wildfire Risk with Unified LIDAR Analytics & Automations	Wide Area Distribution Assessments to Inform System Planning, Integrate DER, and Improve Grid Resilience	Insights by (insert Autodesk logo)		Connecting Safety and Wearable Technology to Manage Human Fatigue Risk	Duty Vehicle Electrification (3:30 pm - 4:30 pm)	Federal Fleet Electrification: What Does Electrifying the Kargest Flee in the world Mean to the Grid?	leet			Building Resiliency for Utilities: Wildfire Mitigation	Integrating Aggregated DERs to Realize FERC-2222 Open Markets in California
9:15 am - 9:45 am	Modernizing the Last Mile: Eversource's Strategy to Harden Its Lateral System Sponsored by (insert S&C logo)	Strategic Foresight: Enhancing Asset Performance and Workforce Agility with AI and Predictive Strate Sponsored by (insert IFS looo)	Shared Networks One Year In: The Reality and Lessons Learned from Sharing Electric & Gas AMI	Optimizing Surveys for Actionable Insights	Colonia Crystography Presents a Memory Colonia Crystography Presents a Memory Colonia Crystography Presents a Memory Colonia Crystography Crystograp	Leveraging Analytics to Optimize Grid Maintenance	How Duke Energy is Reinventing for Real-World DER Operational Challenge Sponsored by: (insert Accenture logo)	Rethinking DERMS	Unlocking Flexibility in Local Markets: Insights from Recent Pilots and Beyond (9:15 am - 10:15 am)  Energy Orchestration & the DSC: The Necessary Tools & Technologies to Support DSC Sponsored by (inset Siemens logo)	GIS and Design Process Standardization: Bringing People, Processes, and Technology Together	Lessons from Canada's First Heavy-duty Truck Charging Project	Fleet Electrification: Lessons Learned from Leading US Utilities	Grid Model Development and Maintenance for Planning and Operations: A Grid Model Data Management-based Approach	Insights by (insert Salesforce logo)	Digitally Managing Emergency Response & Mobilization Sponsored by (insert IBM logo)	Underground Best Practices and O&M Experiences	Enhancing Grid Flexibility: Key Considerations for ADMS and DERMS Integration
10:05 am - 10:35 am	Performance Validation of DER Volt/Var Control in Field Operation	Advanced Analytics for Electric	Networks (9:15 am - 10:15 am)	Creating a Win-Win: TEP and Avista's Al-Driven Approach to Building Engaged Customers and a Resilient Grid Sponsored by (insert Bidgely logo)		Use of Artificial Intelligence / Machine Learning in Support of T&D Asset Inspections (insert Constellation Clearsight logo)	Mobile and Transportable Energy Storage Systems – Achieving Reliability and Resilience through Design and Engineering	Integration of Centralized and Decentralized DERMS - A Perfect Synergy for Enhancing DSO's Capabilities		Insights by (insert Itron logo)	Grid Decarbonization through DER Orchestration: Leveraging Customer Energy Resource Flexibility at Scale Sponsored by (insert thron logo)	(9:15 am - 10:15 am)	DTE's 1 Operational Data Infrastructure, 2.6M Meters, 54M AMI & SCADA Tags, & Billions of Reads per Day Sponsored by (insert Avena logo)	Born Digital: Transforming Utility Infrastructure with the Power of Data and Digital Twins	Automated Damage Assessment and Rapid Post-storm Recovery using LiDAR and Machine Learning	(9:15 am - 10:15 am)	How Grid Edge Applications Drive Flexible Management, Sponsored by (insert Landis + Gyr logo)
10:55 am - 11:25 am	Consumers Energy Pioneers Reliability Breakthroughs for Electric Distribution	Grid Asset Management (10:05 am - 11:05 am)	Private LTE: Seamless Public/Private Network Transitioning Sponsored by (insert UScellular Business logo)	Engagement in The Community - Go Where Your Customers Already Are		Performing Protective Relays Simulations When Missing Detailed Model Data	Leveraging Customer Generation in Community Microgrids	Why DERMS Must Span Both Sides of the Meter Sponsored by (insert Oraclel logo)		How Investment in Research Can Benefit Utilities	Building a New Kind of Network: A Discussion with BC Hydro on Public Charging in Off-Grid Areas	From Grid to Charger: Integrating EV Chargers in Demand Response Solutions Sponsored by (insert Metergram logo)	How to Improve Grid Reliability with Remote Fault Indicators	Synthetic Environments for Resilience Planning for Cities – Utilities and Cities Combining Forces	Strategic Approach to Confronting Extreme Weather Threats	Digging Deep: FPL's Journey to Lateral Hardening by 2045 Sponsored by (insert S&C logo)	Feeder of the Future
1:00 pm - 1:30 pm	Gaining a Deeper Understanding of Your Distribution Grid (insert Hubbell logo)	Improving Asset Management Through Predictive Analytics Sponsored by (Hatch)	Is Now the Time for MC-PTT?	Electrification in the Home and on the Road	Beware of Bad Actors   Al- Powered Threat Intel to Keep Industrial Systems Safe and Available Sponsored by (insert Fortinet logo)	Unlocking the Power of Data: Unveiling PSEG's Lessons Learned and Roadmap to Data Driven Excellence	Enhancing Grid Reliability through Secure DERMS and ADMS Integration	Enabling Distributed Energy Resource Visibility in Long Island: Journey & Lessons Learned	DERs as Market-Based Assets to Support Grid Reliability and Resilience	Designing and Delivering Safe, Effective Training Using Virtual Reality	Planning for EV Impacts on the	Future-Proof the Grid and Drive Electric Vehicle Adoption With EV Charging Programs Done Right, Sponsored by (insert FLO logo)	Implementing Real-Time Unbalanced, Three-Phase Distribution Load Flow to Improve Grid Operation	Smart Cities Panel: Real-World Utility and Smart Cities Synergies	From Simulated Chaos to Emergency Preparedness: Unveiling the Complexity of Utility Emergency Management Sponsored by (insert Accenture logo)	How National Grid and Alabama Power are Transforming Vegetation Management Decision Making with Satellites and Al	Grid Modernization at PPL through Smart Metering, Data & Insight and Digital Adoption Sponsored by (insert Tata Cosultancy Services Logo)
1:50 pm - 2:20 pm	Designing Resilient Communities through Integration of Battery Energy Storage Systems and Distribution Automation	Building up an Accurate Asset Repository to Support Rapid Growth	Empowering Utilities: Unleashing the Potential of pLTE Across Licensed and Unlicensed Spectrums Sponsored by (insert Ublik logo)	How Liberty Implemented a Voice of the Customer Program to Evaluate their Current Operations, and to Support and Reinforce Future Decisions on their Customer First Journey	Utilities. Beef Up Your	Accelerating Time-to-Business- Value with AI Sponsored by (insert Microsoft logo)	Approaches for Resilience Solutions to Serve Non- Residential Customers	Unlocking Visibility of DERs		Distribution System Organization and Workforce Transformation Using Al-based Talent Intelligence and Upskilling Platforms	Distribution Grid (1:00 pm - 2:00 pm)	Lessons from Fleet-based Vehicle to-grid Programs in Market Today	Harnessing Networked Distribution Automation for Enhanced Reliability, Efficiency, Growth and Safety Sponsored by (insert tron long)	Discussion (1:00 pm - 2:00 pm)	Improving Situational Awareness through Augmented Operational Intelligence	Vegetation Management: Applying Al/ML to Move from a Cycle-based to a Risk-based Approach	Navigating the Future: Challenges and Opportunities in
2:40 pm - 3:10 pm	Enhancing Grid Resilience: Smart Meter-Driven Demand & Outage Management in Extreme Weather Conditions	How AEP Plans to Leverage Matterport Digital Twins to Improve Safety and Savings	Innovating to Set Up a Private Wireless Network Without Buying Spectrum or Building Towers	What's Old is New Again: Future- focused Utilities Solve Residential Distribution Capacity and Capital Challenges Based on Trusted Technology (insert Block Energy logo)	Cybersecurity (1:50 pm - 2:50 pm)	Grid Network Data Quality is More Than a Data Issue		Implementing DERMS (2:40 pm - 3:40 pm)	Integrated EV & DER Forecasting, Distribution Impact Assessment, and DER Roadmap Investment Planning	More than Words: The Power of Accountability in Corporate DEI Initiatives Sponsored by (insert S&C logo)	Preparing California's Grid for Electrified Transportation by 2035	Vehicle to Grid Integration Using On-boarded vs. Off-boarded Bi- directional Chargers	Managing Renewables with an Innovative EMS	Sustainability Through Streetlights: Tracking Community Carbon Reduction (insert Itron logo)	Rural Energy Revolution: Harnessing Federal Funding for Rural Resilience	Strategies and Solutions for Improving Structural Resillency (insert Osmose logo)	Implementing DC Microgrids (1:50 pm - 2:50 pm)
3:30 pm - 4:00 pm	The Evolution of DER Protection at the Point of Common Coupling	Post Go Live Roadmap after a Distribution Modernization Effort	Utility Applications and the Roadmap Toward Reliable, Low-		How DNP3-SAv6 and AMP Meet OT Security Requirements Like Nothing Else	(1:50 pm - 2:50 pm)	Grid-Forming Inverters – Preparing for an Inverter- Dominated Power System (3:30 pm - 4:30 pm)		100% Renewable - Possible, or Improbable? (3:30 pm - 4:30 pm)	Supercharging Clean Tech Talent. Skilling to Scale	Cut the Carbon, and Crack the Code: A Guide to Misguided EV Programs	Charging - Are We There Yet? (3:30 pm - 4:30 pm)	Utility Roadmaps to Adopt IEEE		Field Crew Dispatching: The Hear of an Effective Storm Response	Tree-specific Hazard Ratings: Linking Tree Health and Dx Outage Occurrences	Overcoming Power and Frequency Issues on an Island
4:20 pm - 4:50 pm	PG&E's Evolution from a Standalone to Enterprise ADMS FLISR Solution	Enabling an End-to-End Asset Management Strategy	latency Communication (3:30 pm - 4:30 pm)		Generative Al: Trustworthy Modeling Detection and Mitigation	Understanding the Connectivity Model for Transmission and Distribution Networks		Smart Grid Nova Scotia - DER Deployment, Integration and Valuation		Utility Workforce and Customer Expectations of the Future	Analyzing the Effects of Harmonic Distortion Generated by DC Fast Chargers on Distribution Networks: Real-World Case Study		(3:30 pm - 4:30 pm)		Leveraging AMI and Other Cutting-edge Technologies to Improve Storm Readiness and Response		Grid Powered by Renewables (3:30 pm - 4:30 pm)
Thursday, Feb. 29th 10:30 am - 11:00 am	ADMS Journey and Road to DERMS – Implementation	Harnessing AI for Visual Inspection - Pioneering Efficiency, Accuracy and Safety (10:30 am - 11:30 am)	The Practical Application of Utility Hosted Core Services (10:30 am - 11:30 am)	/ Leveraging Generative AI in the Utility Digital Journey (10:30 am - 11:30 am)	IEEE Std P2808 – Formally Making Cybersecurity Part of the Engineering Design Process	Insights and Integrations: The Future of Demand Response Data	Extensible Framework for Determining Value of Resilience (10:30 am - 11:30 am)	Building a Service Territory Wide Customer Battery Program (10:30 am - 11:30 am)	Model-free Dynamic Hosting Capacity & Operating Envelopes: A Case Study Considering Two Australian DSOs	Management to Unlock S-Curve of Electi	Unleashing the Potential of	Strategic Fleet Electrification Planning		Saving Minneapolis Water and Time with a Smart City Pilot	Outage Data Initiative Nationwide: Easily Empowering a Network of Electric Utility Resilience Leaders	Bringing Climate Resilience and Adaptation into Integrated Planning	Insights from Initial Deployments of Private LTE
11:20 am - 11:50 am	Experience, Successes and Lessons Learned (10:30 am - 11:30 am)				Securing pLTE Utility Networks as a Device plus Network Ecosystem	A New View of Data Brings Utility Insight			DSO Applications with Blockchain: Use Cases and Technology		Electric Vehicles for Future Distribution System Evolution		for Better ADMS Results that Strike the Right Balance with IT (10:30 am - 11:30 am)	Presenting the Next Generation Meter	Finding Our WINGS by Fireproofing with Digital Twin Technologies	Building Resilience: Powering Through Extreme Weather	DC-Coupled Solar, Storage, and Electric Vehicle Charging at ConEd's Cedar Street Substation