

2025 Conference Sessions

Tuesday, March 25														
Room #	C1	C2	C3	C146	C156	C4	C140	C141	C142	C148	C155	C144/145	C147/154	C143/C149
10:00 am - 10:50 am	Grid planning for rapid EV growth with Xcel Energy	Sponsored	Sponsored	Sponsored	Utility lessons from multi-customer and community microgrids	Sponsored	5 IOUs on the integration of DERMS, ADMS, VPPs and microgrids for next generation distribution operations	Sponsored	Sponsored	Getting to zero emissions municipal buildings in San Diego	Sponsored	Sponsored	Demand horizon: Planning and managing for unprecedented load growth	Sponsored
11:00 am - 11:50 am	Sponsored	Utility strategies for distribution optimization as part of managed charging programs	Emergency EV charging: Planning for sustainability and resiliency at SCE	The role of the digital grid in Oncor's system resiliency plan	Sponsored	Impacts of major weather events on reliability and resiliency at Texas IOUs	Sponsored	Innovations in Substation Operations: How PG&E leverages Drones, AI, and Real Time Monitoring	Duke Energy's pursuit of grid-scale DER management	Sponsored	The smart city balancing act: How utilities design a sustainable grid	Can generative AI transform customer engagement? Southern Company paves the way	Sponsored	How policymakers plan to reliably and cost-effectively tackle rapid load growth
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1:00 pm - 1:50 pm	To keep up with the energy transition, APS supercharged its emergency management system	Sponsored	What an Australian utility learned about the role of digital substations in the energy transition	Sponsored		Leveraging advanced AI for enhanced substation operations: A PG&E case study	EPRI addresses cybersecurity challenges in 'DER gateways' with Exelon and Duquesne Light	Protecting vulnerable OT devices: Causes and consequences of running unpatched systems Sponsored by Fortinet	Unpacking Ameren's zero-touch private LTE strategy	How two utilities utilize all of that private LTE data	PG&E and PSEG on how AI is reshaping utility work	Women in power: Shaping the future of utilities		AEP, PG&E, and Oncor on policy-influenced grid investment strategies
2:00 pm - 2:50 pm	How Duke Energy automates capacity planning	Results from FirstEnergy's ambitious pursuit of distribution automation	PG&E showcases implementation challenges and solutions to substation automation	SESS-652	AEP's strategy for managing surging third-party attachment requests	Sponsored	Strategies for internal network security monitoring at scale	Best practices for cybersecurity & safety in battery storage systems	Wildfire mitigation and grid reliability: The role of mission critical private networks play Sponsored by Ericsson	Extending impact: CPS Energy's innovative use of shared AMI	Sponsored	Workforce strategies for enhancing substation and transmission operations		2024 election insights: Policy perspectives from Duke Energy and Vermont Electric Power
3:00 pm - 3:50 pm	Renewables integration and grid modernization challenges in electric utilities	T&D circuit segmentation for improved resilience—A Texas case study	Sponsored	Using AI and sensors to predict and detect equipment faults	Sponsored	Eergy inspected 9,000 miles of transmission with AI. What did they learn?	Sponsored	Engineering best practices for quantifying cyber risks	4G or 5G? Inside Southern California Edison's decision	Sponsored	Distribution workforce of the future: needs and solutions	How LADWP and Oncor attract and retain talent in a dynamic labor market		Sponsored
4:00 pm - 4:50 pm	Sponsored	PECO improved reliability with smarter customer segmentation	Integrating grid edge intelligence into grid modernization planning at AES	AES on making the business case for advanced inspection tools	Dominion is facing rapid growth. Here's how they plan long-term	Sponsored	How AI fortifies Semptra's cybersecurity strategy	PPL improved substation security and compliance without continuous patching	Leveraging eSIM technology to improve SCADA resiliency	Why Xcel picked private LTE, and what happened next	Exploring talent acquisition and retention strategies with National Grid, the Society of Women Engineers, and ABB	Sponsored		Inside the ISO: Grid operator perspectives on the evolving grid
Wednesday, March 26														
Room #	C1	C2	C3	C146	C156	C4	C140	C141	C142	C148	C155	C144/145	C147/154	C143/C149
9:00 am - 9:50 am	Using transportation analytics to prevent EV Demand charging at FirstEnergy and Austin Energy	Electrifying transportation: Insights from utility leaders Sponsored by Sand Technologies	The great debate: Utility-owned vs. private EV charging infrastructure	Sponsored	SCE and BC Hydro grid hardening methods to mitigate the risk of wildfire	How Duke Energy used generative AI for DER growth and grid reliability	Omaha Public Power District embarks on massive grid modernization plan	Sponsored	Making the case: Economic and societal values of DERMS with PG&E, HECO, and National Grid		Sponsored	Lessons learned from a European approach to distribution grid interconnectors	Duke's tools for transitioning customers to time-of-use	Sponsored
10:00 am - 10:50 am		Oncor brings commercial and fleet managed charging to Dallas	Hybrid microgrids: Optimizing for commercial electric vehicle fleets Sponsored by Power Secure		Understanding reverse power flow impacts at National Grid and FirstEnergy	Sponsored	National Grid's implementation of fault location isolation & service restoration (FUSR) for reliability	What is that 'masked load'? Using AI to capture and analyze behind-the-meter DER data	Sponsored	Clean energy solutions for wastewater treatment facilities in Kentucky	Chicago's unified IoT platform powers multiple smart city solutions	Sponsored	Georgia Power proves why T&D can't be siloed	Policy impacts on distribution planning at LUMA, ComEd, and Eversource
11:00 am - 11:50 am	Sponsored	Scalable smart charging management solutions	PG&E harnesses bi-directional EV charging for grid optimization in fire-risk zones	Sponsored	Sponsored	Best practices for DER commissioning at SRP, FirstEnergy, and ENMAX	Sponsored	A municipal utility's plan to build a control room of the future	Benefits and challenges of DER communication and control with PPL Electric	Sponsored	Smart cities and sports: LA and SCE prepare the grid for the World Cup, Superbowl and Olympics	No Wi-Fi, no problem: How Austin Energy brought demand response to underserved communities	Sponsored	Open source configuration of digital substations
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1:00 pm - 1:50 pm	ComEd's distribution automation falling conductor protection pilot	Sponsored	Harnessing the power of DER for utilities	Sponsored	Generative AI is transforming Exelon's organization		Best practices for small utilities to implement cyber-secure SCADA	Sponsored	Transformer overload protection using wireless communications at PG&E	Public cellular vs. private LTE: Utilities share network strategy considerations	Utility workforce development challenges and solutions	Co-op embraces digital transformation and enhancing workforce development		Utilities tap into unprecedented federal funding to bolster resilience
2:00 pm - 2:50 pm	Sponsored	Up close with SCE's long-term distribution planning tool	CPS Energy is using federal funding to modernize its grid, and you can too	AI helps Con Edison predict storm outages and restoration timelines		Sponsored	Mitigating cybersecurity risk in utility supply chains	Utility lessons learned from converging IT and OT security strategies	Sponsored	Why robust networks were key to unifying these utilities	Sponsored			Sponsored
3:00 pm - 3:50 pm	How National Grid operationalized the largest DLR deployment in the US	GIS mapping for enhanced utility planning: Lessons learned by Clallam County PUD	Sponsored	Transforming SDG&E's grid management with digital twin, time-series data, and machine learning	Sponsored	Tampa Electric's custom-built approach to modernizing its work and asset management system	Sponsored	Basin Electric modernized its grid. Here's how the G&T tackled new cyber threats		Sponsored		Case study: Implementation of OKR methodology in electric utilities		AI applications in T&D: Peppo, APS, and SCE
4:00 pm - 4:50 pm	Sponsored	Case study: New Zealand utility's system hardening plan began with gaining a clear view	Utility grid edge investment strategies to modernize and future-proof operational systems	Cooperative leverages advanced metering using AI-driven topology correction	4 utilities share advanced tech for identifying and locating wildfires	Sponsored	Strategies in mitigating GPS cybersecurity risks and enhancing resiliency	Remote updates for transmission substation devices with LG&E-KU	Leveraging historic federal and state investments in last-mile broadband		Creating a digital strategy to enable the energy transformation at Salt River Project	Sponsored		Hosting capacity analysis for FERC 2023 and beyond at Dominion Energy
Thursday, March 27														
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9:00 am - 9:50 am	How digitalization empowers SCE and PG&E to advance electric freight	Challenges and barriers to scaling charging programs with Baltimore Gas and Electric				State and utility partnerships for microgrids and energy storage in Pennsylvania	Inside ComEd's operational analysis with distribution automation	How Eversource is scaling DERMS based on evolving needs	Making the most of AMI: Data drives organizational decisions at Exelon and Duke					
10:00 am - 10:50 am		Why utilities must collaborate with EV manufacturers on managed charging	Learnings from the field: Developing community resilience metrics	Resilient communities via risk driven infrastructure planning and automated restoration		NV Energy and Nova Scotia Power strategies for enabling battery storage value stacking	DERMS lessons learned by G&T cooperatives	Intelligent wildfire mitigation strategies with CORE Electric Cooperative, Idaho Power, and Consumers Energy	Next-gen AMI: SCE's call to address technology gaps					
11:00 am - 11:50 am	The impact of adding multifamily EV chargers to demand response programs	Orange and Rockland demonstrates new applications of EV managed charging to enhance grid flexibility	Harnessing the power of digital twins for optimized infrastructure planning		Dominion, National Grid, and SCE approaches to "right-sizing" distribution systems to enable deep decarbonization		The impact of ADMS on WEC's operations and crews, and what they did about it	VRDT roll-out strategies and experiences from Peppo and ComEd	Making sense of AMI 2.0 with CPS Energy, National Grid, and Snohomish PUD					