



2025 Conference Sessions														
Tuesday, March 25														
Room #	C1	C2	C3	C148	C158	C4	C142	C141	C142	C148	C156	C144145	C147154	C143C149
10:00 am - 10:50 am	Grid planning for next EV growth with Xcel Energy	Sponsored	Sponsored	Sponsored	Utility lessons from multi-tenants and community microgrids	Sponsored	SICUs on the integration of DERMS, ADMS, VPPs and next generation distribution operations	Sponsored	Sponsored	Getting to zero emissions: How utilities are managing their carbon footprint	Sponsored	Sponsored	Smartest tactics: Planning and managing for optimized load growth	Sponsored
1:00 pm - 1:50 pm	To keep up with the energy transition, APY supercharged its emergency management system	Sponsored	What an Australian utility learned about the role of digital substations in the energy transition	Sponsored	AI for generative storm response at Exelon and Oncor	Leveraging advanced AI for enhanced substation operations. A PG&E case study	EPRP addresses cybersecurity challenges in DER pathways with Exelon and Duquesne Light	Protecting vulnerable OT devices: Causes and consequences of running unpatched systems	Upskilling America's zero-touch private LTE network	How Southern Company and Energy utilize AI that provides LTE data	PG&E and PSEG on how to manage utility work	Women in power: Shaping the future of utilities	Workforce strategies for enhancing substation and transmission operations	AEP, PG&E, and Oncor on policy-influenced grid investment strategies
2:00 pm - 2:50 pm	How Duke Energy addresses capacity planning	Results from FirstEnergy's ambitious pursuit of distributor automation	PG&E showcases microgrid challenges and solutions to substation automation	How Oncor developed an integrated system resiliency plan to mitigate resiliency events	AEP's strategy for managing aging third-party distributed resources	Sponsored	Strategies for internal network security monitoring at scale	Best practices for cybersecurity & safety in battery storage systems	Wattify mitigates and grid reliability. The risk of mission critical private network play	Extending impact: CPS Energy's innovative use of smart AM	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	Energy impacted 9,000 miles of transmission with AI. What did they learn?	Sponsored	Engineering best practices for qualifying cyber risks	SC or SC? 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 by AVEVA	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 real growth. Here's how they plan long-term	Sponsored	How AI fortifies Sempra's cybersecurity strategy	PP's improved substation security and compliance without continuous patching	Leveraging AI/ML 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 AEP	Sponsored	Heating capacity analysis for FERC 2023 and beyond at Dominion Energy	
Wednesday, March 26														
Room #	C1	C2	C3	C148	C158	C4	C142	C141	C142	C148	C156	C144145	C147154	C143C149
9:00 am - 9:50 am	Using transportation analytics to power EV demand challenges at FirstEnergy and Austin Energy	Electrifying transportation: Insights from utility leaders	Challenges and barriers to scaling charging programs with Baltimore Gas and Electric	Sponsored	SCE and BC Hydro grid modernization programs mitigate the risk of wildfires	How Duke Energy used generative AI for DER growth and grid reliability	Omaha Public Power Distribution's grid modernization plan	Sponsored	Making the case: Economic benefits of DERMS with PG&E, IECO, and National Grid	9:00 am - 9:25 am: Transforming insights into smart meters. The future of municipal energy management 9:25 am - 9:50 am: Smart city practical and innovative initiatives regarding decarbonization	Sponsored	Lessons learned from a European rollout of distribution grid interconnections	Duke's tools for monitoring customers to time-of-use	Sponsored
10:00 am - 10:50 am	Navigating EV growth in Maryland and Illinois	Oncor brings commercial and fleet managed charging to Dallas	Hybrid microgrids: Optimizing for commercial electric vehicle fleets	10:00 am - 10:25 am: Demonstration utility lessons for microgrids 10:25 am - 10:50 am: PG&E's comprehensive roadmap for enabling community microgrids	Understanding revenue power flow impacts at National Grid and FirstEnergy	Sponsored	National Grid's implementation of fault location isolation & service restoration (FLISR) for resiliency	What is the "meat and potatoes" of AI to solve and enhance behind-the-meter DER data?	Sponsored	Clean energy solutions for residential treatment facilities in Kentucky	10:00 am - 10:25 am: Chicago's unified IoT platform streamlines smart city solutions 10:25 am - 10:50 am: ComEd's MicroGrid for Community Resiliency in Bronoxville	Sponsored	Georgia Power proves why T&D can't be solved	Policy impacts on distribution planning at LUMA, ComEd, and Everence
11:00 am - 11:50 am	Sponsored	Scalable smart charging management solutions	The great debate: Utility-owned vs. private EV charging infrastructure	Sponsored	Best practices for DER commissioning at SPG, FirstEnergy, and CH2M	Sponsored	A municipal utility's plan to build a control room of the future	Benefits and challenges of DER commissioning 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	
1:00 pm - 1:50 pm	ComEd's distribution automation rolling conductor protection pilot	Sponsored	Harnessing the power of DER for utilities	Sponsored	Generative AI is transforming Exelon's organization	How EverSource is preventing and preventing outages with AI	Best practices for small utilities to implement cloud-based SCADA	Sponsored	Transformer overload protection using wireless communications at PG&E	Public cellular vs. private LTE: Utility 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	Use cases with SCE's long-term distribution planning tool	CPS Energy is using federated learning to modernize the grid, and you can too	AI helps Con Edison predict storm outages and restoration timelines	Battery storage planning, management, and decommissioning at SCE	Sponsored	Mitigating cybersecurity risk in utility supply chains	Utility lessons learned from emergency IT and OT security strategies	Sponsored	What Energy learned from deploying private LTE	2:00 pm - 2:25 pm: Enhancing worker and driver safety with AI at Exelon 2:25 pm - 2:50 pm: Experience transformed workforce safety by enhancing the job lead process. Here's how	Sponsored		Sponsored
3:00 pm - 3:50 pm	How National Grid operationalized the largest DER deployment in the US	GIS mapping for enhanced utility planning. Lessons learned by Collier County PUD	Sponsored	Transforming SOG&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 two other threats	Why cloud networks were key to unifying these utilities	Sponsored	3:00 pm - 3:25 pm: Scaling remote operations grid operations at FirstEnergy 3:25 pm - 3:50 pm: How AEP's Data Use AI to identify Outage-by-Field-Operate Miscommunications	Sponsored	Case study: Implementation of OMR methodology in electric utilities	AI applications in T&D: Pepco, APS, and SCE
4:00 pm - 4:50 pm	Sponsored	Case study: New Zealand utility system hardware begins with getting 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 tool for identifying and locating wildfires	Sponsored	Strategies in mitigating CPS cybersecurity risks and enhancing resiliency	Remote updates for transformer substation devices with LG&E-AU wide broadband	Leveraging historic federal data to test private LTE	ComEd's journey beyond the lab to test private LTE use cases	Creating a digital strategy to optimize the energy transformation at Salt River Project	Sponsored	Inside the ISO: Grid operator perspectives on the evolving grid	
Thursday, March 27														
Room #	C1	C2	C3	C148	C158	C4	C142	C141	C142					
9:00 am - 9:50 am	Duke Energy's autonomous smart charging to drive transformer loading	First steps to solar: Managing charging opportunities in the US	Optimizing Energy & Utility Asset Management through Smart Streetlighting	Getting Smarter About Extreme Weather in North Texas	9:00 am - 9:25 am: How SMA&D is accelerating grid edge adoption with federal incentives 9:25 am - 9:50 am: How SMA&D is accelerating grid edge adoption with federal incentives	Role and utility partnerships for microgrids and storage projects. A case study from Duke Energy	Inside ComEd's operations analysis with distribution automation	How EverSource is scaling DERMS based on evolving decisions at Exelon and Duke	Making the most of AM: Data driven operational decisions at Exelon and Duke					
10:00 am - 10:50 am	Proven in Electrodes OR: How to handle OR-G&T Charging Solutions	Why utilities must collaborate with EV manufacturers on managed charging	Lessons from the field: Developing community resilience metrics	Resilient communities via advanced substations: planning and automated restoration	10:00 am - 10:25 am: Evaluating resilience benefits from DER and storage projects. A case study from Duke Energy 10:25 am - 10:50 am: DER hosting capacity at allocation: Equitable DER adoption in high penetration features with Pacific One	NY Energy and New York State Power strategies for enabling battery storage value stacking	DERMS lessons learned by G&T cooperatives	Intelligent adaptive mitigation strategies with COMED's Cooperatives, Water Power, and Consumers Energy	Integrating AM: SCE's path to address technology gaps					
11:00 am - 11:50 am	How distribution empowers SCE and PG&E to address electric height	Orange and Rockdale demonstrate new applications of AI in grid edge health	Harnessing the power of digital twins to optimize infrastructure planning	Consumer Choice and Community Relations	11:00 am - 11:25 am: SOG&E mobile battery storage use cases and valuation 11:25 am - 11:50 am: Why Xcel chose mobile energy storage to support grid capacity	The impact of ADMS on WCC's operations and crew, and what they do about it	VRGT rollout strategies and approaches at ComEd	Making sense of AM 2.0: WCC's operations and crew, and what they do about it						