**DER for Flexibility and Resilience**

* Aggregating DER
* Demand Response Technologies
* Distributed Energy Resource Management (DERMS)
* Distributed Energy Resources (DER)
* Distributed Solar
* Flexible Load Management
* Grid-Edge Computing
* Microgrids
* Situational Awareness
* Virtual Power Plants
* Distribution System State Estimation
* Grid-Edge Computing
* Behind-the-meter Energy Storage
* Ancillary services
* Vehicle-to-X

**Interconnecting DER**

* Battery Interconnection
* Fleet Charging Equipment Interconnection
* Grid Forming Inverters
* Hosting Capacity Analysis
* Integrating Renewables
* Interconnecting EVSE
* Net Metering
* Solar PV Interconnection
* Dynamic Hosting Capacity Analysis
* Reverse Power Flow
* Interconnection Studies
* System Impact Studies
* Interconnection Queue Management
* Project Development
* Community Solar Farm Interconnection

**Communication Networks**

* IoT
* 5G
* Broadband
* Private LTE
* Mission Critical Networks
* Strategies and Modernization Plans
* 3GPP Networks
* 900 Mhz Spectrum
* Network Security
* Fiber Optics
* Field-Area Networks
* Local-Area Networks
* Wide-Area Networks
* Wireless Communication Equipment

**Asset Management**

* Aging T&D Infrastructure
* Artificial Intelligence
* Asset Investment Planning
* Asset Performance/Health Management
* Asset Risk Management
* Augmented Reality
* Condition Monitoring
* Diagnostics
* Digital Substations
* Digital Twins
* Machine Learning
* Predictive/Proactive Maintenance

**C&I and Residential Customers**

* Billing and Collections
* C&I Energy Management
* Customer Engagement
* Data Privacy
* Demand Response Programs
* Energy Audits
* Energy Efficiency
* Energy Usage Monitoring
* Rooftop and Community Solar
* Social Media and other Customer Communication Strategies
* CRM
* Building Management Solutions
* Home Energy Management Solutions
* Disaggregation
* Prosumers
* Smart Appliances
* Thermal Energy Storage

**Cyber and Physical Security**

* Cyber Hygiene
* Cybersecurity of Operational Technology
* Cyberthreat Detection and Hunting
* Cyberthreat Response
* Data Security
* DNP3 Secure Authentication V6 Protocol
* Emerging Threat Vectors
* IT/OT Convergence
* NERC/CIP Standards and Compliance
* Password Management
* Remote IED Access
* Surveillance
* Cloud Security

**Data Analytics**

* AMI Data Success Stories
* Artificial Intelligence
* Augmented Reality
* Data Analytics
* Data Gathering Tools and Techniques
* Data Management
* Data Mining
* Data Privacy
* Data Quality
* Data Syncing
* Digitalization of Operations
* GIS/Geospatial Technologies
* Information Management
* Infrastructure Modeling and Analytics
* Organizational Analytics
* Cloud Solutions

**Distribution Automation**

* Capacitor Banks
* DA and DER Integration
* Distribution System Network Monitoring
* Distribution System State Estimation
* Fault Indication Monitoring
* Flisr
* High-speed Switching
* Operations Management
* Protection and Control
* Reclosers
* Remote Switches
* Root Cause Analysis
* Sensors
* Synchrophasors
* System Architecture
* Volt/Var Optimization
* Artificial Intelligence
* Augmented Reality

**Electric Vehicles**

* Charing Infrastructure
* Electric Aviation
* EV Rate Design
* Fast-charging
* Fleet Management
* Micromobility
* Mobile Load Management
* Public Charging Infrastructure
* Rebates and Incentives
* Regulatory Considerations for EVs
* Smart Charging
* Vehicle to X (V2X) Technologies
* Managed Charging
* Inclusive electrification
* Bi-directional Charging

**Grid Modernization**

* ADMS
* AMI
* Enterprise Grid Management
* Enterprise/Systems Integration
* Grid-edge Intelligence
* IEC 61850-based Digital Substations
* Non-conventional Instrument Transformers
* Smart Sensing
* Substation Equipment Condition Monitoring
* System Top-down Configurations
* Mapping / GIS
* SCADA and Control Systems

**Utility Business Models and the New Energy Provider**

* Blockchain
* Business Models
* Energy Markets
* Grid of the Future
* Innovative Management Solutions
* Investment and Financing
* Rate Design
* Revenue Generation Opportunities
* Time of Use Rates
* Transactive Energy
* Utility of the Future
* Value of DER
* Workforce Management
* Policy/Regulation/RTOs
* PPA/REC/Carbon Trading
* Corporate Energy Buyers
* Forecasting/Day-ahead Markets
* Infrastructure & Trading
* Market Intelligence

**Resiliency**

* Customer Communications
* Disruptive Events
* Drones
* Earth Observation
* Emergency Preparation
* Grid Hardening
* LIDAR, GIS and CIS Data Analytics
* Load Shed Strategies
* Outage Management Systems
* Overhead/Underground T&D
* Pandemic Planning and Response
* Satellite Analytics
* Storm Damage Assessment
* Storm Restoration
* Sensors
* Vegetation Management
* Artificial Intelligence
* Augmented Reality
* Disaster Management

**Smart Cities**

* Building Efficiency
* Financing Smart City Plans
* Intelligent Devices
* Roadmaps and Pilot Projects
* Smart Communities
* Smart Streetlights
* Sustainability Initiatives
* Public Private Partnerships
* Electric Franchise Agreements
* Decarbonization Plans / Strategies
* Energy Management Systems