



Microgrid 2.0

Advancing Industry Growth

OCTOBER 29-31, 2018 ▼ BALTIMORE, MD

CALL FOR PRESENTATIONS

The International District Energy Association seeks presentations for the **Microgrid 2.0 Conference** in **Baltimore, MD, October 29-31, 2018** at the Hyatt Regency, Baltimore.

Microgrids are playing a transformative role in the evolution of the utility industry, providing key customer benefits like improved energy efficiency, enhanced reliability, resiliency and energy security with lower environmental impact along with benefits to the grid such as congestion relief, voltage and frequency regulation and avoiding or deferring utility T & D investments. Microgrids support the mission of energy intensive segments such as campuses, healthcare, research, transit and the military. Communities are also actively pursuing microgrids to strengthen business continuity and improve overall sustainability.

While microgrids have been in existence for decades and proven their value on campuses, hospitals and military bases, a new generation of microgrids is emerging with an extended value chain beyond traditional reliability and resiliency.

Newer microgrid models are integrating renewables and storage to drive carbon reduction while also serving as balancing capacity for distribution utilities. The last several years of severe storm-related outages have catalyzed state programs and incentives to help move projects from concept to deployment.

The microgrid market continues to advance technologies with wider-scale commercial and institutional deployment. Community energy systems are creating new paradigms for sharing energy and financial resources. Utilities and regulators are working out new business models and partnership structures to help both customers and the grid.

We invite abstracts of not more than 75 words that address this rapidly changing landscape in the U.S and internationally. (Please see the suggested topics and categories.) Preference will be given to case studies and real world examples with limited commercial content.

The conference will draw attendees from utilities, developers, institutions, engineering and consulting firms, government agencies and non-government organizations, commercial real estate, energy service companies, equipment manufacturers, system integrators, control and data specialists, attorneys, financial specialists, innovators and software companies, contractors, builders, architects and planners.

Suggested presentation topics include:

- Community Microgrids
- Military Microgrids for Energy Security
- Microgrid planning and deployment strategies
- Microgrid design for reliability, redundancy and resiliency
- Technology innovations including controllers, control systems, optimization
- Case studies on microgrid installations to support mission critical activities (College/university campuses, healthcare/hospitals, military bases, research centers/R&D, data centers, commercial real estate, public sector/government, multi-users, and pharmaceuticals)
- Distributed energy resources and storage, including thermal storage
- Islanding and black-start considerations for microgrids
- Cyber-security
- Ownership models and financing microgrids
- Integrating and optimizing renewables with microgrids or CHP/district energy
- Controls, monitoring, metering, optimization of microgrids
- Utility of the future and grid modernization
- Navigating the utility/regulatory paradigm
- Market and regulatory strategies to advance microgrids
- Designing and managing microgrids to reduce energy costs and carbon
- Designing and managing the low-carbon microgrid

ABSTRACT SUBMISSION: Please follow instructions at <https://www.xcdsystem.com/idea/abstract/index.cfm?ID=Mr6Hx0y> to submit an abstract and bios for speakers

DEADLINE FOR SUBMISSION: 5:00 PM EDT
March 23, 2018

SPONSORSHIP and EXHIBITING

OPPORTUNITIES: Please contact Tanya Kozel at tanya.idea@districtenergy.org or 720-541-7913