



19th Edition

MICROGRID

GLOBAL INNOVATION FORUM

SEPTEMBER 24-25, 2024 • OAKLAND, CA

The 19th edition of the [Microgrid Global Innovation Forum](#), September 24-25, 2024 in Oakland, brings together key industry executives for focused networking and information sharing concerning the design, implementation and operation of renewables-centric microgrids in North America and globally. The emphasis is on maximizing the effective use of sustainable distributed energy resources, refining the positive business model for a range of microgrid deployments, and sharing real-world case studies in both grid-tied and off-grid environments. The event will focus on:

- Business models for multi-stakeholder, multi-partner microgrids
- Microgrids for C&I customers
- Microgrids in EV fleet charging and V2G scenarios
- Microgrids as a strategy for grid resilience and outage management
- Energy-as-a-Service, decentralization and digitization
- Leading case studies and lessons learned to date
- Grid-tied, utility distribution microgrids and integration with the larger grid
- Solar PV, CHP, and energy storage strategies for decarbonizing the energy mix
- Minimizing energy costs and integrating renewables on-site
- Regulatory and public policy trends and developments
- Optimizing hybrid, renewable energy systems for public, municipal, commercial, and military deployments
- Evolving the traditional utility business model
- Recent C&I deployments internationally and key lessons for the U.S.
- System architectures and alternatives
- Microgrid design, analysis, and feasibility planning tools
- Microgrid power control systems
- System modeling and analytical tools

The audience for the Forum includes microgrid project developers, owners, and entrepreneurs; utility and energy provider executives; renewable energy professionals; energy storage providers, technology researchers, investors and regulatory representatives, and more.



"I enjoy this conference for its deeper discussions on grid and microgrid issues, new challenges, new opportunities, and changes in business models. This is not Microgrid 101. These are "graduate-level" microgrid discussions. Wonderful" -- Steve Pullins, SVP, CTO, AlphaStruxure

Previous Microgrid Innovation Forum Attendees Include

127 Energy
60Hertz Microgrids
ABB
Adaptive Microgrids
Advanced Control Systems
Ageto Energy
Air Voltaics LLC
Alaska Center for Energy and Power
Alliance for Rural Electrification
AlphaStruxure
Ameresco
American Public Power Association
ARDA Power
AutoGrid
Blue Pillar
Blue Planet Energy Systems
Bluefin Energy Solutions Inc.
Bluewave Resources
Boice Dunham Group
Bowen Advisors
California Energy Commission
California Public Utilities Commission
Calpine Energy Solutions
Camden County Municipal Utilities Authority
Canadian Solar
Castello di Amorosa Winery
Cenfura Energy
Center for Climate and Energy Solutions
ChargePoint
Citizens Energy Corporation
ComAp
Commonwealth Edison
ComRent
Concentric Power
Concord Engineering Group
Concord Engineers
Connect California
Connected Energy
Covanta
CPS Energy
CustomerFirst Renewables
Customized Energy Solutions
CWL ENergy Management
Daegunsoft
DCfusion / EnSync Energy
District of Columbia Public Service Commission
DEIF
Department of General Services, Montgomery County
Development Ventures
DNV GL
Dobriansky Consultancy
Doosan GridTech
Duane Morris LLP
Duke Energy
Dynamic Energy Networks
Eaton
e-centricity, LLP
EDF Renewable Energy
EDI Capital
Edison Electric Institute
Edison Energy
Electrical Industry Group NW
Electriq Power
ELM FieldSight
Elum Energy
Emera Technologies
EMerge Alliance
Enbala Power Networks
Enchanted Rock
Energia Group
Energy News Network
Energy+ Inc.
Enernet Global
EnerVenue
Envision Solar International
Eos Energy Storage
ERS
ESPE Srl
Exelon
e-Zn
Federal Energy Regulatory Commission
Fermata Energy
FREEDM Systems Center, NC State
Future Energy Advisors
GE Grid Solutions
General Microgrids
Geronimo Energy
Global Common
Gommyr Power Networks
GreenStruxure
GRIDIRON
Guidehouse Insights
Harvard University
Hatch
Hitachi Systems Power Services, Ltd.
Husk Power Systems
Hydro-Quebec
ICF
I-EMS Group
ILAW Energy
Illinois Commerce Commission
Illinois Institute of Technology
Industrial Economics (IEc)
Inspire! Montana
Invenergy
itunePower Inc.
JGC Corporation
Kore Lithium
Krevat Energy Innovations
Lansing Board of Water & Light (LBWL)
Lico Energy
Lockheed Martin Energy
Microgrid Institute
Microgrid Design of Mendocino
Microgrid Knowledge Modelon
Montgomery County Department of General Services, Maryland
Morrison Foerster LLP
MPR Associates, Inc.
National Association of Regulatory Utility Commissioners
National Electrical Manufacturers Association
National Renewable Energy Laboratory
NaturEner USA
New Sun Road
New York Independent System Operator
New York State Smart Grid Consortium
NextEnergy
North American Substation Services
North Carolina's Electric Cooperatives
Northern Alberta Institute of Technology
Novartis
Nuvve
NV5
Oceanus Power & Water, LLC
OMNETRIC Group
Pareto Networks
Powerflex by EDF Renewables
PSE Innowacje
PXISE Energy Solutions
Quebec Government Office
R J Energy
Racepoint Energy
Rakon Energy
Redstone Technology Integration
Ricardo Energy & Environment
RMIT University
Robert H. Smith School of Business, University of Maryland
Rolls-Royce Solutions America
RTI
S&C Electric Company
Saft America. Inc.
Sapling Financial
Scale Microgrid Solutions
Schneider Electric
Schweitzer Engineering Laboratories
SDG&E
Siemens
Skipping Stone
Smart Electric Power Alliance
Smart Grid Energy Research Center, UCLA
Southern Company
Southland Industries
SparkMeter
Sterling Energy Assets
Strathmore Energy Research Centre
Sungrow Power Supply
Sunverge Energy
Taiwan Institute of Economic Research (TIER)
Tesla
Tetra Tech
Tridium
Tuatara Group
U.S. Army Office of Energy Initiatives
U.S. Energy Information Administration
Unison Energy
University of Idaho
University of Maryland
University of Ottawa
University of St. Thomas
University of Wisconsin Milwaukee
West Monroe Partners
Willdan Energy Solutions
Winch Energy
World Bank

Previous Attendee Job Titles Include

- Assistant Professor, Microgrids
- Associate
- Associate Professor
- Attorney Advisor
- Business Advisor
- Business Development Director
- Business Unit Development Manager, Grid Automation
- Business Unit Director - Renewables (GB & International)
- CEO
- CEO and Co-founder
- Chairman
- Chief Commercial Officer
- Chief Marketing Officer
- Chief of the Office of Energy and Sustainability (OES)
- Co-Founder
- Co-Founder and CEO
- Co-Founder and President
- Deputy Director
- Director
- Director of Industry and Innovation
- Director, Distributed Electricity and Storage
- Editor
- ElectriFi Manager
- Energy & IT Analyst
- Energy Solutions Manager
- Energy Storage Marketing/Strategy Manager
- Engineer
- Engineering Manager
- Executive Director
- Founder & Managing Director
- Founding Partner
- General Manager
- Global Sales Manager Microgrids
- Global Sector Co-ordinator, Innovative Finance
- Head of Direct Sales
- Head of Innovation - Global Infrastructure & Networks
- Head of Microgrid & Digital Substation Solutions
- Head of Project
- Independent Consultant
- Industry Research Analyst
- Journalist and Economist
- Manager of Market Intelligence, Strategy and Innovation
- Manager, Business Development
- Manager, Optimization and Forecast
- Manager, Policy and Innovation
- Manager, Smart Grid & Technology
- Manager, Technology Development
- Manager, Utility of the Future
- Manager-Emerging Technologies Office
- Managing Director
- Managing Partner
- Market Design Specialist - Distributed Resource Integration
- Microgrid Advisor
- Microgrid Laboratory Responsible
- Microgrids CTO North America
- News Director
- Of Counsel
- Operations Manager
- Partner & Co-Founder
- Portfolio Analyst
- Power Systems Group Leader
- President
- President & CEO
- Principal
- Principal Engineer
- Principal Research Analyst
- IEEE Fellow
- Program Director, Sustainable Energy Transformation and Microgrid Project
- Project Engineer
- Project Manager
- Renewable Energy Segment Manager
- Renewable Energy Specialist
- Research Associate Renewable Energy
- Research Officer
- Researcher and Industrial Engineer, Grid Integration
- Sales Manager
- Senior Analyst
- Senior Consultant Hydropower
- Senior Director, Energy & Utilities Practice
- Senior Engineer
- Senior Manager, Smart Grid Integration, North America
- Senior Portfolio Analyst
- Senior Principal, Sustainability
- Senior Vice President, Policy and Business Strategy
- SETS Program Manager
- Sr. Climate Change Specialist and Program Manager
- Technical Consultant - Power Supply & Protection
- Technical Expert – Regulatory Instruments
- Technical Sales Manager
- Technical Support Manager
- Venture Developer
- Vice President
- Vice President - Smart Grid, North America Operations
- Vice President Business Development
- Vice President, Product Management
- VP Commercialization & Product Development
- VP of Operations

Speaking Opportunities



The Forum 2024 focuses on the latest technology advances and business models for the deployment of renewable energy microgrids in municipal, public-use, commercial, military, and off-grid environments. A series of in-depth presentations and interactive panel discussions will examine the most recent technology advances, case studies, and lessons learned to date.

The session schedule and faculty of speakers for the September 2024 Forum is currently in development. Industry professionals who are interested in delivering a presentation or organizing a panel discussion session are encouraged to submit a proposal to speak@microgridinnovation.com by **Friday, May 24, 2024**.

Guidelines for Submitting a Proposal

Panel sessions are 75-90 minutes in length and feature 3-4 speakers, each presenting for 15-20 minutes. Stand-alone speaking slots are 30 minutes in length. Individuals who wish to deliver a presentation or organize a panel session with multiple speakers should submit the following:

1. Speaker name, title, company, and contact information
2. Presentation (or panel session) title
3. Type of session -- stand-alone or panel
4. Abstract (150 words)
5. Biography and photo of proposed speaker(s)
6. Bullet list of 3-4 Key Takeaways

Additional Guidance

- We ask that proposals be non-commercial in nature. Submissions will be carefully reviewed by the Program Advisory Group to ensure depth of information and relevance to the program.
- Presentations that emphasize case studies, best practices, and real-world results are particularly welcome.



Topics To Be Covered Include (but are not limited to):

Business Issues, Opportunities and Challenges

- Business models for multi-stakeholder, multi-partner microgrids
- Microgrids as a strategy for grid resilience and outage management
- Microgrids in EV charging, Vehicle-to-Grid integration and V2G scenarios
- Energy-as-a-Service, decentralization and digitization
- Leading North America case studies and lessons learned to date
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- Evolving the traditional utility business model
- Recent deployments internationally and key lessons for the U.S.

Microgrid Technology Advances and Case Studies

- System architectures and alternatives
- Microgrid design, analysis, and feasibility planning tools
- Microgrid power control systems
- Maximizing the integration of renewables and sustainable energy sources
- System modeling and analytical tools
- Energy storage advances: flow batteries, fuel cells, advanced batteries, etc.
- Emerging technologies and latest applications
- Standards and interoperability issues
- VPP-DERMS enabling technology advances and innovations
- System monitoring, management, operations and control

Event Venue: The Oakland Center (In the Transpacific Centre, 1000 Broadway, Oakland)



The drink reception on September 24 will be at the Oak & Iron restaurant in the Oakland Marriott City Center, directly across the street from the Oakland Center. A block of discounted rooms at the Marriott is reserved for Forum attendees

Previous Speakers Include



Steve Pullins
Senior Vice President
and CTO
AlphaStruxure



**Carlos Alberto
Velázquez**
Program Director
IREC



Tad Piper
Senior Vice President,
Corporate Strategy &
Development
AutoGrid



Marc Hoffman
CEO
Innovus Power



Jared Leader
Senior Director
Resilience
SEPA



Claire Miller
Microgrid Solutions
Architect
Schneider Electric



Yashar Barut
CEO and Founder
**Power Market
Solutions**



Ben Schwartz
Policy Manager
Clean Coalition



Frank Micone
Owner/Manager
Airvoltaics LLC



Paul DeCotis
Senior Partner
Energy & Utilities
**West Monroe
Partners**



Elham Akhavan
Senior Microgrid
Research Analyst
Wood Mackenzie



Cameron Brooks
Executive Director
Think Microgrid



Sainab Ninalowo
Senior Manager of
Smart Grid - Grid
Modernization
ComEd



Alexander Asante
Director, Applications
Engineering
BoxPower



Allie Detrio
Chief Strategist
Reimagine Power



Jeremy Donnell
Senior Manager
and Principal
Corporate Strategy
**Pacific Gas and
Electric**



Alexander Asante
Director, Applications
Engineering
BoxPower



Peter Asmus
Executive Director
**Alaska Microgrid
Group**



Michael Graves
Lead Engineer -
Engineering Solutions
Alliant Energy



**Ashkan
Rahimi-Kian**
Chief Technology
Officer
IEMS Solutions



Sheikh Jakir Hossain
Energy Storage and
Microgrid Project
Development Engineer
Duke Energy



Lee Shaver
Senior Energy
Manager
Slipstream



Greg Morehead
Vice President
Hardware
Engineering
GridPoint



Hannah Bascom
Vice President
Regulated Business
SPAN



"Excellent. I have benefitted from hearing quite an array of perspectives and case studies. You have brought together a wealth of talent that generated great dialog and will stimulate cross-fertilization."

-- Larisa Dobriansky, Chief Business & Policy Innovation Officer, General Microgrids

"One of the best, with highest quality presenters on timely topics."

-- David E. Geary, PE, Co-Founder and Principal Engineer, DC Fusion

"Intra-disciplinary approach leads to this Forum as the premier program in microgrid innovations and thought leadership."

-- Michael J. Zimmer, Washington Counsel, Microgrid Institute

"This was a great networking opportunity. Speakers were interesting in and of themselves, but the mix (tech, policy, regulatory, markets) made for deeper conversations than most events provide."

-- Paul Roege, Vice President - Strategic Initiatives, Typhoon HIL

"Excellent conference. Nice balance of participants from utilities to vendors to consultants. Great cross-section of participants."

-- Joel Jorgenson, CEO and President, BWR Innovations LLC

Previous Sponsors Include



Sponsorship Packages

Gold Level

Value: \$5,500

- Top-level logo positioning on event website, agenda, on-site signage, in introductory comments, and in all marketing communications for the event
- Speaking slot (either stand-alone or part of a panel)
- Tabletop exhibit space
- Display page in Virtual Exhibits
- 4 complimentary conference passes
- 20% off additional registrations
- White paper or executive interview posted on event website
- Corporate description with link on event Sponsors website
- Company information distributed at registration check-in desk
- Attendee List with contact information

Silver Level

Value: \$3,500

- Tabletop exhibit space
- 3 complimentary conference passes
- 15% off additional registrations
- Display page in Virtual Exhibits
- Logo positioning on event website, agenda, on-site signage, in introductory comments, and in all marketing communications for the event
- Corporate description with link on event Sponsors website
- Attendee List with contact information

Bronze Level

Value: \$2,000

- Display page in Virtual Exhibits
- 1 complimentary conference passes
- 10% off additional registrations
- Logo positioning on event website, agenda, on-site signage, in introductory comments, and in all marketing communications for the event
- Corporate description with link on event Sponsors website
- Attendee List with contact information

Drink Reception Sponsor

Value: \$6,500

- Same deliverables as Gold Level above, plus recognition as official sponsor of the attendee drink reception on September 24 (via signage, tent cards, website and marketing materials)

To arrange your participation, contact: Daniel Coran, Program Manager
dcoran@smartgridobserver.com +1-815-310-3343

About the Organizer



Smart Grid
Observer

The Smart Grid Observer is an online information portal and weekly e-newsletter serving the global smart energy industry. SGO delivers the latest news and information on a daily basis concerning key technology developments, deployment updates, standards work, business issues, and market trends driving the smart grid industry worldwide. Visit www.smartgridobserver.com to sign up for a complimentary subscription.

Registration

Early Bird Standard Rate: Service providers, equipment and software vendors, consultants <i>(valid until August 23, 2024 - \$895.00 thereafter)</i>	\$795.00
Early Bird C&I microgrid owners, project developers and utilities <i>(\$795.00 after August 23)</i>	\$695.00
Early Bird academic, government and non-profit organizations <i>(.edu, .gov, or .org email address required)</i>	\$595.00

Register securely online at <https://www.microgridinnovation.com/register.htm>