

Monday, November 6		
10:00 am	Workshops Registration Opens – Exeter Foyer	
10:00 am – 3:00 pm	Exhibitor Setup Opens – Grand Ballroom B	
1:00 pm – 5:00 pm	Pre-Conference Workshops	
	Workshop 1: Business Models & Financing for Microgrid Deployment <i>Location: Georgian Room</i> This workshop will focus on best practices in economic, business model innovation and risk mitigation strategies.	Workshop 2: Smart Cities Powered by Smart Grids <i>Location: Arlington/Berkeley/Clarendon</i> This workshop will focus on opportunity assessment strategies and development frameworks to enable microgrid deployment.
1:00 pm – 1:30 pm	Microgrid Implementation Models - <i>Joe Sullivan, Concord Engineering</i>	Getting To “Microgrid-Ready” What does it take to put together a well-performing Microgrid? <ul style="list-style-type: none"> • PEER as a tool to understand performance. • How to perform a viable Gap Analysis (PEER Gap Analysis) • Cases in Best Practice, with emphasis on Northeastern US. <i>Session Moderator: Dahlia Kelada, S&C Electric</i>
1:30 pm – 2:00 pm	Inverting the Microgrid Risk Proposition - <i>Michael Boswell, Concord Engineering</i>	
2:00 pm – 2:30 pm	The Innovative Business Models Enabling Microgrids Across Global Markets - <i>John Murray, Delta Energy & Environment</i>	
2:30 pm – 3:00 pm	Seeking Bankability of Microgrids - <i>Sudipta Lahiri, DNV GL</i>	
3:00 pm – 3:30 pm	Coffee & Refreshment Break for Workshop Participants	
3:30 pm – 4:00 pm	So You Want To Be Your Own Utility? - <i>Chilkoot Ward, University of Alaska Fairbanks</i>	Amtrak NYC and Transit Oriented Microgrids - <i>Tom Bucher, Booz Allen Hamilton</i>
4:00 pm – 4:30 pm	Microgrids Bring Certainty to Healthcare - <i>Steve Pullins & Brian Levite, Hitachi America</i>	Political, Financial and Technical Considerations of a Municipal Multi-User Microgrid - <i>Douglas Nordham, Arup North America</i>
4:30 pm – 5:00 pm	Case Study of an Automated Power Distribution System Serving a Medical Center Campus - <i>Stephen Bowman, Wiley Wilson</i>	Microgrid - Market Implementation Strategy - <i>John Driscoll, Ictec</i>
5:00 pm – 6:30 pm	Welcome Reception with Business Partner Exhibitors – Grand Ballroom B	
Tuesday, November 7		
7:00 am	Conference Registration – Exeter Foyer	
7:00 am – 8:00 am	Continental Breakfast with Business Partner Exhibitors – Grand Ballroom B	

8:00 – 8:10 am	Conference Opening/Introductions – Rob Thornton, President & CEO, IDEA
Opening Plenary Panel: Mission-Critical Microgrids Today – An Operational View <i>Location: Grand Ballroom A</i>	
8:10 am – 9:00 am	<p>Mission-critical microgrids are in operation supporting life sciences, manufacturing, research, institutions and world-class healthcare. What are the keys to success – In design and development? In operation? In financing and economics? In reliability? In optimization?</p> <p>Panelists include:</p> <ul style="list-style-type: none"> • John Baker, <i>Associate Vice Chancellor of Facilities, UMASS Medical School</i> • John Kelliher, <i>Senior Plant Engineer, Biogen</i> • Robert Manning, <i>Director of Engineering & Utilities, Harvard University</i> • Michael Overturf, <i>CEO, ZF Energy Development LLC (invited)</i> • Ken Packard, <i>Director of Utilities, Massachusetts Institute of Technology</i> • Randy Preston, <i>Director University Energy Project, Tufts University</i>
Plenary Panel 2: Accelerating a Microgrid Market – How Do We Get There From Here? Leadership Roundtable <i>Location: Grand Ballroom A</i>	
9:00 – 9:50 am	<p>Enabling technologies, adaptive business models, innovative partnerships and customer needs are driving market penetration for microgrids and other non-wires alternatives (NWA's) . What are the key building blocks and market drivers? What regulatory impediments need attention? How can industry leaders best catalyze change?</p> <p>Invited panelists include:</p> <ul style="list-style-type: none"> • Michael Carlson, <i>President, Smart Grid North America, Siemens</i> • Michael Edmonds, <i>President, S&C Electric</i> • Jim Lodge, <i>Vice President, Strategy & Business Development, NRG Thermal</i> • Kevin Self, <i>SVP Strategy, Business Development & Government Affairs, Schneider Electric</i> • Joe Sullivan, <i>Vice President, Concord Engineering Group</i>
9:50 am – 10:10 am	Refreshment Break with Business Partner Exhibitors – Grand Ballroom B
Plenary Panel 3: The Grid of the Future – A Regulatory Perspective <i>Location: Grand Ballroom A</i>	
10:10 am – 11:00 am	<p>As more customers seek enhanced resiliency, energy security and operational flexibility, the utility industry is experiencing profound change in regulations and business models. How are regulators balancing the needs for innovation and modernization with consumer protection and investor confidence while enabling development of the “grid of the future”? What are the emerging regulatory models for microgrid deployment? How can industry inform, advise and support appropriate regulatory reform? What is the path ahead?</p> <p>Invited panelists include:</p> <ul style="list-style-type: none"> • Robert Burns, <i>Commissioner, Arizona Public Service Commission</i> • Jorge Camacho, <i>Chief, Office of Infrastructure & System Planning, DC Public Service Commission</i> • Upendra Chivukula, <i>Commissioner, NJ Board of Public Utilities</i> • Macky McCleary, <i>Administrator, RI Division of Public Utilities and Carriers</i> • Angela O’Connor, <i>Chairman, MA Department of Public Utilities</i>

	1A Military Microgrids <i>Location: Georgian Room</i>	1B Integration of Renewables - Opportunities & Challenges <i>Location: Arlington/Berkeley/Clarendon</i>
11:00 am – 11:30 am	Power Begins at Home: Assured Energy for U.S. Military Bases - Jeffrey Marqusee, Noblis	Solar and Something: How Microgrids Unlock 1+1 = 3 Value for Renewables - Ken Horne, Navigant
11:30 am – 12:00 pm	Portsmouth Naval Shipyard - History of a Microgrid - James Redden, Ameresco	Community Solar Microgrid Project - Case Selection Pending
	2A The Evolving Microgrid Market <i>Location: Georgian Room</i>	2B Microgrids in Action from Campuses to Casinos <i>Location: Arlington/Berkeley/Clarendon</i>
12:00 pm – 12:30 pm	Use Of Stationary Fuel Cells as the Backbone of the Modern Microgrid- Michael Palmer, FuelCell Energy, Inc.	Education Uninterrupted: Creating Campus Microgrids for Schools and Universities – John Merritt, Ideal Power
12:30 pm – 1:00 pm	The Key Role of CHP in Microgrid Systems - William Steigelmann, Lockheed Martin	The Blue Lake Rancheria Microgrid: Challenges and Successes in Designing, Building, and Operating a Remote Community Microgrid - Max Majkowski, Siemens
1:00 pm – 2:15 pm	Networking Luncheon – Grand Ballroom A	
2:15 pm – 2:45 pm	Dessert & Coffee with Business Partner Exhibitors – Grand Ballroom B	
	3A Microgrid Cases – Data Centers, Community Resiliency and Business Continuity <i>Location: Georgian Room</i>	3B Designing Cyber-Secure Innovative Microgrids <i>Location: Arlington/Berkeley/Clarendon</i>
2:45 pm – 3:15 pm	A Microgrid Case Study at a Data Center Using CHP, Solar, Wind and Energy Storage - Terry Mohn, OATI	Lessons Learned from Field Implementation of Three Utility Microgrids - Duke Energy – Aleksander Vukojevic & Stuart Laval, Duke Energy
3:15 pm – 3:45 pm	Potsdam Microgrid – A Community Effort – Michael Duschen, National Grid	MicroTurbine CHP in Microgrids – Justin Rathke, Vergent Power Solutions
3:45 pm – 4:15 pm	Refreshment Break with Business Partner Exhibitors – Grand Ballroom B	
4:15 pm – 4:45 pm	Urban Ingenuity's New Microgrid Extension Service for Washington, DC - Shalom Flank, Urban Ingenuity	Integrating Distributed Energy Resources and Cybersecurity to Improve Energy Resiliency- John Carroll, IPERC
4:45 pm – 5:15 pm	US DOE CHP Resiliency Accelerator - Jay Wrobel, US DOE	Lessons Learned in Successful Microgrid Controls and Protection - William Edwards, Schweitzer Engineering Laboratories, Inc.
5:15 pm – 7:00 pm	Reception with Business Partner Exhibitors – Grand Ballroom B	

Wednesday, November 8		
7:00 am	Conference Registration Opens – Exeter Foyer	
7:00 am – 8:00 am	Continental Breakfast with Business Partner Exhibitors – Grand Ballroom B	
	4A Microgrid Modeling – Technical, Economic and Regulatory <i>Location: Georgian Room</i>	4B Innovative Approaches for MG Markets <i>Location: Arlington/Berkeley/Clarendon</i>
8:00 am – 8:30 am	Lawrence Berkeley National Laboratory (LBNL) has been working with industry to develop an innovative Distribution Grid Locational Value Model to assist utilities, developers and regulators with evaluating the economic and operational impact of DER and microgrids. Project participants will provide an overview/update, including:	Microgrids-as-a-Service: A New Approach to Solve Resiliency, Efficiency, Sustainability Challenges –Mark Feasel, Siemens
8:30 am – 9:00 am	<ul style="list-style-type: none"> • Christopher Berendt, <i>Drinker Biddle Reath, MRC</i> • Gonçalo Cardoso, <i>Lawrence Berkeley National Lab</i> • James Reilly, <i>J. Reilly & Associates</i> 	Innovative Utility Partnership - Tufts University CHP Microgrid – Randy Preston, Tufts University; Michael Webster, ICETEC; Representative, National Grid
	5A Policy and Progress in the States <i>Location: Georgian Room</i>	5B Microgrids in Emerging Economies <i>Location: Arlington/Berkeley/Clarendon</i>
9:00 am – 9:30 am	NY Prize Stage 2 Projects Update - Tom Bourgeois, DOE NE CHP TAP	Innovative Load Management and Grid Services in Cellular Micro-Grids- Karl Kolmsee, Smart Hydro Power Ltd.
9:30 am – 10:00 am	FERC and State Regulatory Policy Update - C. Baird Brown, Drinker Biddle & Reath; MRC	Sigora Haiti – “Moun Yo Swaf Kouran” (People Are Thirsty For Power) - Andy Bindea, Sigora International
10:00 am – 10:30 am	Refreshment Break with Business Partner Exhibitors – Grand Ballroom B	
10:30 am – 1:30 pm	Exhibit Breakdown – Grand Ballroom B	
	6A CHP District Energy Microgrids <i>Location: Georgian Room</i>	6B Design Best Practices in Controls, Monitoring & Optimization <i>Location: Arlington/Berkeley/Clarendon</i>
10:30 am - 11:00 am	Optimizing District Energy Systems with CHP and Microgrid Controls - Scott Higgins, Schneider Electric	Application of the Sequence of Events IO Module - Haig Monokian, Thermo Systems & Michael Fedenyszen, Vanderweil
11:00 am – 11:30 am	CHP with Spinning Reserve - Core of a Larger Microgrid - Suresh Jambunathan, Veolia	Optimization of Microgrid Assets Using Artificial Intelligence - Terry Waldron, Waldron Engineering & Construction
11:30 am – 12:00pm	Climate Change and Resilient District Energy - Tim Peer, BOND	Model Based Real-Time Power Management - A Key Element to Any Microgrid Program – Frank Kling, ETAP
12:00 pm – 1:00 pm	Networking Luncheon and Pre-Tour Briefing – Grand Ballroom A	

	7A Making Microgrids Work <i>Location: Georgian Room</i>	7B Storage Solutions <i>Location: Arlington/Berkeley/Clarendon</i>
1:00 pm – 1:30 pm	Microgrid Islanding with CHP - The Evolution of a Project - <i>Michael Dempsey, Burns & McDonnell; Chuck Heidt, Gainesville Regional Utilities</i>	Understanding Microgrid & Energy Storage Feasibility Studies - <i>John Vernacchia, Eaton</i>
1:30 pm – 2:00 pm	Financial and Engineering Case Study of a Two-Sided Platform Business Model for Microgrids Using Existing CHP Facilities in Brooklyn and Queens – <i>Guy Warner, Pareto Energy</i>	The Future of Microgrids – How Energy Storage Systems Add Reliability and Efficiency - <i>Jayesh Goyal, Younicos</i>
2:00 pm – 2:30 pm	Working with Utilities: How to Make the Microgrid/Utility Relationship Work for Everyone - <i>Emma Walker & Peter Falcier, GI Energy</i>	Energy Storage-Based Microgrids - <i>Jessi Lord & Bill Sproull, ESS Inc</i>
2:30 pm – 2:45 pm	Area Microgrid Tours – Registered participants will board buses for departure promptly at 2:45 pm.	
2:45 pm – 6:00 pm Tour D return - 6:30 pm	Microgrid Technical Tours – Site visits to area microgrids. Planned locations include: A) Harvard University CHP Microgrid at Blackstone Station, Cambridge B) MATEP CHP Microgrid at Longwood Medical Area C) Veolia CHP Kendall Station AND Biogen CHP Pharmaceutical Microgrid, Cambridge D) Special Sponsor Tour of the Schneider Electric Boston One Campus Microgrid in Andover, MA. Please register for one of four (1 of 4) tour locations. Each bus will visit one facility. Round trip bus returns to hotel at approx 6:00 pm. Tour D return time estimated 6:30 pm. Space availability will be limited and transit times estimated due to location and traffic variability.	