

Future Facilities & Power Summit 9

May 14th & 15th, 2019 | Chicago IL | www.fmasummits.com

FMA Summits - Connecting the Right People Since 2006



Post-Summit Report

FMA Summits' Future Facilities & Power Summit 9 was held May 14th & 15th, 2019 at the Sheraton Lisle Naperville Hotel in Chicago. This Report recaps the Summit.

More than 100 Corporate Directors of Sustainability, Continuous Improvement, Supply Chain, Engineering and Facilities from Fortune 500 and 1000 companies across North America attended. They shared a common purpose: to evaluate their best options for intelligent buildings, power generation and facilities management.

Bringing together the right people and the right companies under one roof is our hallmark. In two days of informative presentations, live product demos and informal, one-on-one discussions between solution providers, a national retailer identified potential partners to work synergistically in the overhaul of its more than 1,000 showrooms. An operator of a chain of group homes for severely disabled adults discovered cost-effective construction solutions to improve the comfort and safety of its residents. All participants gained new relationships they can leverage in their endeavors to increase operational efficiency, reduce energy costs and improve overall building resiliency.

To view how our Summit unfolded click on the pictures below:

"This event has been really great in that we have seen potential customers not once but there has been probably 4 to 5 different touch points in that they have been sincere and meaningful."

Tim Mager
Senior Sales Manager
GE Solar



[Click on Picture Below to View Slideshow:](#)



[Click on Picture Below To View Video Testimonials:](#)



Table of Contents

1. Key Topic Take-Aways
2. Featured Keynotes
3. Snapshot of Attendees
4. Sponsors
5. Attendees

Future Facilities & Power Summit 9

May 14th & 15th, 2019 | Chicago IL | www.fmasummits.com

Key Topic Take-Aways

1 The architecture of the US electrical grid is in a time of tremendous change: The 5 major trends currently driving the microgrid industry and the keys to the functional and commercial viability of microgrid applications in the private and public sectors.

2 Sustainable Construction & Materials: Focusing on energy reduction and efficiency: Exploring alternative & sustainable materials, as well as, proper recycling, reuse and management of waste materials and Material life-cycle assessment

3 Building Envelope Solutions Make a Big Difference to Facility Efficiency: Sustainable structural materials & building design can affect overall efficiency; such as sustainable insulation, window & sound solutions, air & water filtration, adhesives, paints & sealants.

4 Facility Management is Key: Building information modeling & facility life-cycle assessment and management can achieve high levels of operations efficiency; reduced maintenance costs, increased environmental, health & safety specifications.

5 Energy Management & the Road to Efficiency: Proper energy usage auditing can drastically reduce procurement costs, as well as, visualize usage and areas of spend creating better energy management for the overall building.

6 Building Automation is Priority: Visualizing building data through analytics dashboards and software implementations i.e. BAS, CMMS, BMS & IWMS programs and advanced metering improve overall building operational efficiency.

7 Commercial Applications of Renewable Technology: How the utilization of commercial solar, fuel-cell and water conservation technologies can offset fossil fuel based energy usage and procurement costs/spend.

8 Retrofitting Facilities is a Good First Step: Accessing capital financing options to replace inefficiency systems to increase overall building efficiency through LED lighting, HVAC equipment replacement, smart metering solutions and moving towards renewable technology, building automation or cloud based solutions.

9 Cyber Security: Developing an integrated and intelligent industrial security immune system to detect, respond and recover from attacks today and for tomorrow

“The conversations have been great, the meetings have been good, the organized lunches, the organized happy hour and cocktail event was excellent. Couldn’t recommend it higher.”

Tom Drake
Senior Sales Manager
MTU Onsite Energy



For More Written Reviews, Click [HERE](#)

Future Facilities & Power Summit 9

May 14th & 15th, 2019 | Chicago IL | www.fmasummits.com



Feature Keynote Speakers



City of Chicago

Mandy La Brier, Director of Energy Management

The Power of City Energy Transitions

The Power of City Energy Transitions shares one City's approach to transitioning its public buildings to 100% renewable electricity. An overview the public commitment and how the goal has evolved. Beyond goals and press releases this presentation will talk more about what is needed today and will be required going forward to achieve 100% renewable energy in Chicago's public buildings by 2025.



Cushman & Wakefield

Gary Graham, Director of Energy Management

A View of the Horizon

Gary brings 30 years of experience helping clients assess, develop and implement energy and sustainability programs and realize savings. At C&W, he directs and supports the development and implementation of the energy management portion of the company's Global Occupier Services platform. He holds a BS in General Engineering from the University of Illinois, Urbana and is a Certified Energy Manager and a LEED Accredited Professional.



Michigan State University

Nate Verhanovitz, Engineering Director

Microgrid Operations with a Large-Scale Solar Array

Michigan State University has constructed the largest non-utility Carport Solar Array in North America. It consists of five commuter parking lots on MSU's main campus including 5,000 parking spots and 45 acres. The solar arrays were designed to produce a total of 10.5 MW AC peak power and provides 20% of the electrical needs for a campus of 60,000 during the peak hours of use. This renewable energy has been successfully integrated into the campus Microgrid together with traditional gas-fired electric generation assets in a central plant. This update shares the lessons learned at the central plant from solar operations from the first year of operations.



Abbvie

Jim Davoux, Director, Global Energy Management & Environmental Sustainability

Laboratory Lighting and HVAC Savings

AbbVie installed LED lighting along with a next generation lighting control system to reduce the electricity spend in one of our large laboratory buildings in the Chicago area. We then leveraged the new lighting control system and the existing building automation system to drive further HVAC energy savings. This presentation will give an overview of the project and highlight the opportunities and challenges.

Future Facilities Summit 9

May 14th & 15th, 2019 | Chicago IL | www.fmasummits.com

Snapshot of attendees

Who participated at the Chicago Summit?

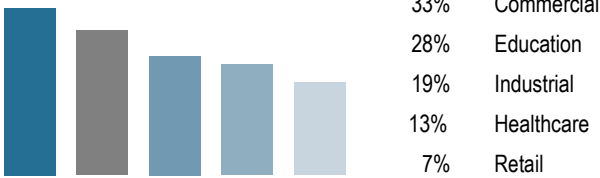
Top 5 job titles



Top 5 job roles



Top 5 industry sectors



“We met people at the right level in knowledge and decision making. FMA did a great job scheduling the meetings. We had a lot of good quality interaction between us and potential customers. ”

Harry Sim, CEO, Cypress Envirosystems

“To me the positive attribute is the direct access to high level people in one room that make the decisions.”

Ron Fredricks, President, QFB Energy

Future Facilities & Power Summit 9

May 14th & 15th, 2019 | Chicago IL | www.fmasummits.com

Thank you to our Sponsors

We would like to thank our Sponsors for their valuable contributions to the success of our Future Facilities & Power Summit - Chicago — and for providing attendees with access to solutions aligned with their goals and projects.

To become a Sponsor,
contact: Johny Hans, Director
514 954 9041 Ext: 2310
johnyh@fmasummits.com

ALL TECH *ENERGY, INC.*

CASE
CONTROLS

CYPRESS
ENVIROSYSTEMS™

EDISON
energy®


energysource

ENERTECH
Geothermal Made Better™

FacilityConneX
The Voice of Your Equipment



 **HOMER**
Energy

KDCSOLAR
REPAIR | OWNER | OPTIMIZE

mtu **onsite**
energy

 **condair**

Power **Secure**

 **QFB**Energy


transformational energy

 **Solar UV**
Solutions

SPARKS
DYNAMICS

"I think the quality level is superior to any other exhibitions I've been to and I think we're going to the next one in Tampa in October because of experience here."

Matt Sheasby Senior Director of Strategic Relations RC Cubed

Future Facilities & Power Summit 9

May 14th & 15th, 2019 | Chicago IL | www.fmasummits.com

Thank you to our Attendees

We would like to thank our Attendees for their attendance and contributions to the success of our Future Facilities & Power Summit – Chicago.

To become an Attendee,
contact: Nasir Khan, VP
514 954 9041 Ext: 2316
nasirk@fmasummits.com

Abbvie	Cushman & Wakefield	McFarland Clinic	Shaw Industries
Abbott Laboratories	Dean foods	McHenry County College	Snyder's-Lance, Inc.
Ace Hardware	Des Moines Public Schools	Memorial Medical Center	Spanson, Inc.
Advocate Health Care	Edward Hospital	Mercy Health Communities	Sub-Zero Group, Inc.
Advocate Sherman Hospital	Elkay Manufacturing	Michigan State University	SunOpta
AkzoNobel	Elmhurst Memorial Hospital	Michigan Technological University	SVN International Corp.
Alliance Residential Co.	Faurecia	Milwaukee Area Technical College	Swagelok Company
Allstate	Federal Reserve Bank of Chicago	Milwaukee Sewerage District	TI Automotive
Anthem	Fisk University	Molex CES	Toyota
Archer Daniel Midland	Ford	NAI Global	Transwestern
Argonne	Fortune Brands	NextCare Holdings	TreeHouse Foods
AT&T	General Mills	Newmark Knight Frank	Trinity Industries
AutoZone, Inc.	General Motors	Noranda Aluminum	Truman Medical Centers
Bank of America	Governor's State University	Northern Illinois University	TTX Company
Baxter Healthcare	Griffith Foods	Northwestern University	Tyson Foods
Bergstrom, Inc.	Hennepin County	Norton Healthcare	Ulta Beauty
Bostik	Hyatt Hotels Corporation	NOW Foods	United States Postal Service
Bridgestone	Illinois State University	OSF HealthCare	University of Chicago
Brookfield Properties	JLL	OSI Industries	University of Michigan
CBRE Group	Kankakee Community College	Perdue Farms Inc.	University of Wisconsin
City of Chicago	Komatsu	Pinnacle	US Foods
City of Des Moines	Lake Land College	Potbelly Sandwich Works	USG Corporation
City of Fort Wayne	Lawson Products	Presence Health	Valent Biosciences
City of Indianapolis	Leggett & Platt	Progressive	Valmont Industries
City of Iowa City	Leopardo Companies, Inc.	Quaker	Waubensee Community College
City of Kansas City	Leslie Shankman School Corp.	Rauland-Borg Corp.	Well Point Health Care
City of Milwaukee	Lincoln Property Co.	Red Robin Gourmet Burgers	West Liberty Foods
City of Monmouth	Loyola University Medical Center	Riverside Medical Center	WMS Gaming
City of Rockford	Mallinckrodt Pharmaceuticals	Sargento Foods	Wyndham Worldwide
Cook County	McDermott Will & Emery	School District of South Milwaukee	Zurich North America

“The cost is something I had a problem with in the front end because I had never done this type of program before but the results are evident within 2 days with people that make decisions that have budget approval and I am confident the investment will return to RC Cubed much faster than some of the other similar investments I have made.”

James Rector, CEO, Rc Cubed