With More Extreme Weather on the Horizon, Are Microgrids the Future of Energy Resilience?

By Stephen Meador, CEM, LEED AP O+M

When Hurricane Maria struck Puerto Rico with Category 4 force in September 2017, the island had barely started to recover from Hurricane Irma two weeks earlier. Maria was the strongest storm to hit Puerto Rico in nearly a century, and resulting damages exceeded $90 billion. Maria’s human toll was even higher, with the Governor of Puerto Rico estimating a loss of nearly 3,000 lives in the storm’s aftermath. Many of the deaths were attributed to a widespread and extended loss of electricity, which impacted more than a million residents. The storm destroyed roughly 80% of the island’s aging and vulnerable transmission lines, and it took utility workers nearly 11 months to restore power to the entire island, making it the longest blackout in U.S. history.

Since Maria, the government of Puerto Rico has been working to make the island’s energy infrastructure greener, healthier, more independent, and more resilient. The latest plan from the Puerto Rico Electric Power Authority (PREPA) phases out imported oil and coal while adding a massive solar and energy storage project. It also moves the island away from centralized power generation and toward distributed generation (i.e. near its end users), a bygone concept that has lately seen a resurgence of interest. PREPA hopes to develop a series of eight regional mini-grids, that would in turn be made up of microgrids serving the most vulnerable communities.

Microgrids are localized, small-scale energy distribution networks comprised of interconnected loads and distributed energy resources. These distributed energy resources may include fossil fuel-fired generators, renewables, and storage. Microgrids are typically thought of as electricity distribution networks, but they often include thermal energy resources like combined heat and power (CHP) and district energy systems for heating and cooling. Microgrids can serve a single building or an entire community. Ideally, a microgrid can operate autonomously without reliance on the utility-owned macrogrid when physical or economic conditions dictate, typically referred to as “island mode.” Microgrids can improve macrogrid reliability by reducing strain during extreme events. They have traditionally been used by the military, critical facilities like

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The Metro Shutdown – Join the Conversation!

As many of you know, Metro has closed several Blue and Yellow Line stations throughout the summer. Here is a link to more information on the Metro shutdown.

You may be wondering how the planning of Capital Chapter events will be affected, and what our membership is doing to deal with the shutdown. The Chapter has an ongoing conversation on the IFMA - Capital Chapter LinkedIn Group to encourage members to ask questions and share travel tips throughout this summer. Feel free to join the conversation!
From the President

It's hard to believe that we're already approaching the end of our fiscal year. We began with much excitement, because we were looking forward to providing you a rewarding membership experience, an opportunity to develop relationships with like-minded individuals who were either going through the same challenges of the profession, or those who had helped others get through it with advice or services. We tried new things to enhance the experience! Remember our Chili Cook-off this past fall? Such a fun event with a bit of friendly competition. Best part, it gave us an opportunity to meet representatives from Skills USA and talk about the VA Facilitathon, for which we raised money during the event. It's hard to believe our Chili Cook-off this past fall? Such a fun event with a bit of friendly competition. Best part, it gave us an opportunity to meet representatives from Skills USA and talk about the VA Facilitathon, for which we raised money during the event. Still not familiar with this initiative? In a nutshell, it is a competition to expose High School students to facilities management through a series of tests (including an interview). The intent is to make Facilities Management a career of choice early on. We had the first official competition in the VA Skills USA event at Virginia Beach this April. And not only did we have a good turnout of students, we had an equally impressive turnout of volunteer FMs from our chapter to help with the interviews and judging. Three students were awarded scholarships with the funds we raised. Thank you to Gary McKelvey and Case Runolfsen, who have been working in the background for a few years now trying to make this a reality. Thank you to our volunteers who spent the day with the kids, getting them excited about facilities management. But we're not stopping there! We're in discussions with Skills USA to bring the competition to DC as well! So stay tuned for more details and volunteer opportunities as we help shape the future of FM.

But we're not done yet! Our amazing team of volunteers continue to plan programs and activities to enhance your membership experience. From tours to programs highlighting facility management best practices, to opportunities to bring your family out to volunteer for our annual river clean-up. There's something for everyone. So come on out and experience for yourself these programs and enjoy the feeling of warmth and community you get by being surrounded by your peers. Which by the way, is truly what I hear the most about from everyone who first attends a CCIFMA event, how welcoming our community is. And let me not forget the members of our Executive Board. They've done an excellent job of delivering great programs this year with the help of many volunteers. Thank you to Dorothy Scholnick and Jenny Andrawis, who work alongside their committee members to bring you this newsletter and many of the communications you see coming from the chapter. To Don Prioa and Anne McGregor, who alongside Stephen Clason (our Young Professionals Chair) and their team work tirelessly to reach out to new, existing, and prospective members to ensure they understand their benefits, as well as helping them make connections with other members. To Kelly Whitfield and Bill Turner, who have been at the lead of our Sponsorship Team for a couple of years now, working with our partners so they too have an enhanced experience as members of our chapter. Thank you to Lisa Layman and the Special Events Team for organizing fun and engaging events, like our Chili Cook-Off. Along with Nicole Dolmer and the Community Service Team, each event is not only a networking opportunity for our members, but an opportunity to give back to the community. And last, but not least, to Celeste McLane and Stephen King, who along with the Professional Development Team brought you compelling programs and tours that just got better and better each time. Talk about outdoing yourselves!

I would also like to thank the members of our Executive Board. Our Treasurer, Kelly Boyer, who kept us focused and fiscally responsible (the little voice in all of our heads). To Kelly Kidwell, our VP of Membership and Communications, who not only provided a meeting space for us all, but always provided some great insights as one of our Young Professionals. To Steve Early, our VP of Professional Development, for making sure our programs were focused on the right things. To Renee Stratton, VP of Special Events and Community Service, whose ‘go get them’ attitude always helped get things done! To Jim Stevens, VP of Sponsorship, whose positive energy and enthusiasm always helped energize us all when we needed it most. And to Darlene Frantz, our Past President, thank you for your counsel and your wisdom. And let me not forget our amazing Administrative Team (AOG) led by Carolyn and Briana, who help keep this organization afloat.

Now, this is not a goodbye. We are all still working to bring you more content and have started to look at what our next fiscal year will look like and what our rallying call will be. We hope to see many of you alongside us answering that call and getting the most out of your membership. So join a committee, write an article for the newsletter, offer your space for an event, serve on a panel discussion, volunteer for Facilitathon. The possibilities are endless. You just need to come along with us for the ride.

Wishing you all a wonderful summer,
hospitals, and remote areas like islands, but their use has become more widespread due to factors like lower cost of solar and battery components, the advent of advanced controls and grid-forming inverters, revenue and savings considerations, and a heightened interest in energy resilience.

Superstorm Sandy was a destructive and deadly hurricane that impacted the U.S. East Coast in 2012. Like Hurricane Maria, Sandy caused a widespread and extended loss of power, estimated to be more than eight million customers at peak outage, including residents of the Washington, DC region. Since Sandy, local and regional leaders have been trying to better understand and mitigate risks to energy infrastructure from extreme weather and changing climate. Edward Yim, Energy Policy Advisor at DC’s Department of Energy and Environment (DOEE), says there’s one big reason most U.S. microgrid capacity is in the Northeast.

“The number one issue would definitely be resiliency,” he said. “A lot of the municipalities and state governments began looking at microgrids after Superstorm Sandy as a way of mitigating potential damages from extreme weather events which are going to become more and more frequent.”

Yim laid out the types of resilient energy infrastructure under study and development in Washington, DC, which mirrors other activity in the DMV:

- Public-purpose microgrids, providing services to critical infrastructure
- Campus microgrids, providing services to a single owner with multiple buildings
- Community microgrids, providing services to multiple building owners
- Single buildings with island-able backup power

One of the best examples of a public-purpose microgrid is located just north of DC in Montgomery County, MD. After a 2012 severe windstorm called a derecho left more than 70 county facilities blacked out, planners started looking in earnest at microgrids. This approach to energy resilience was supported by a 2014 report from the Maryland Energy Administration that encouraged development of microgrids for critical assets like community centers and emergency services facilities. Fast forward to 2018, when the County commissioned two new microgrids, one of which is located at its Public Safety Headquarters (PSHQ) in Gaithersburg. The system includes an 800 KW CHP

New Member Spotlight

Thao Turnbull, Office Manager, Red Hat

Please provide a brief overview of your career path.

I was a marketing major at George Mason University (GMU). While attending GMU, I worked part time for Crestar Bank and upon graduation, worked in the marketing field for nearly five years for several firms including Creative Marketing Concepts and Washington Business Information (now FDA News). I eventually moved up to marketing communications manager at Ingenix Publishing (now Optum360). I then took a 12-year hiatus to raise my family, returning to the business field at Corsec Security where I worked for nearly six years, first as a part time receptionist and administrative assistant, then promoted to Executive Assistant/HR Coordinator and eventually became the HR Administrator and Office Manager. I moved over to the Tysons office of Red Hat as Office Manager in mid-2018 in the Global Workplace Solutions (GWS) division.

What are your general job responsibilities or areas of expertise?

I have varied responsibilities at Red Hat as Office Manager, including vendor management, oversight of client billing, and snack/drink program. I am also the co-lead for GWS' Finance Program Team for North America, providing consulting for site managers for budgets/accounting procedures. Currently, the Tysons office will be relocating to a new building in mid-2019 and I am a member of the project team.

Tell me about your company.

Red Hat, Inc. is an American multinational software company providing open-source software products to the enterprise community. Headquartered in Raleigh, North Carolina, Red Hat is well known for its operating system Red Hat Enterprise Linux, JBoss, Ansible and OpenShift. Red Hat provides storage, operating system platforms, middleware, applications, management products, and support, training, and consulting services.

How did you become familiar with IFMA?

My Red Hat interviewer is an IFMA member and spoke highly of the organization. Red Hat encourages its associates towards continuing education, and I chose the IFMA FMP certification as part of my personal development plan.
The Evolution of the 1st Net Zero Commercial Building in DC

July 23, 2019 • 7:45am - 9:30am

You won’t want to miss this opportunity to join fellow CCIFMA members to learn about the renovation of AGU’s Headquarters to a NetZero Energy building. A first of its kind in DC, the project has been highlighted by many news outlets and organizations, including IFMA. Learn more about the evolution of the building and see for yourself the features that will allow the building to operate at net zero energy. Keep an eye out for the registration link in early July as space will be limited. You can be one of the first to see NetZero at work.

Location: American Geophysical Union
Address: 2000 Florida Ave., NW, Washington, DC
Fees:
- FMs/Professional Members: $10
- Associate Members: $25
- Non-Members: $50

IFMA’s World Workplace 2019 Conference and Expo

Take Your Facility and Your Career to New Heights at IFMA’s flagship annual conference and expo. World Workplace facilitates idea-sharing and knowledge-exchange between all professionals who support the work environment. Collaboration between all members of our community is key to our profession’s rise as a career of choice. We have many resources at our fingertips, but in today’s digital world, a swipe of the finger can’t replace the handshake of a colleague.

Dates: October 16 – 18, 2019
Location: Phoenix Convention Center
Address: 100 N 3rd St, Phoenix, AZ 85004
Capital Chapter Members Run Successful SkillsUSA Facilithon

On April 12th a team of 12 Capital Chapter of IFMA members attended and ran The SkillsUSA Facilithon in Virginia Beach, VA. The Capital Chapter collaborated with the Hampton Roads Chapter to engage 20 high school Facilithon participants. Several volunteers were first-timers, including Lena Thompson who shared, “I didn’t really know exactly what I was going to be doing when I got there, but when I was done I was really tired and inspired. The last two students I had left me thinking that I really need to get to work on this!” We supported handing out three scholarships to students for the first time. Diamond Check was the first place winner, Victoria Shaw was the second place winner, and Alicia Walden-Bryan was the third place winner.

Now preparing for its 3rd year with the Capital Chapter, the Facilithon competition enlightens and immerses high schoolers in facility management through the 435,000-member SkillsUSA career technical student organization. Mike Rowe of Discovery Channel is SkillsUSA’s major proponent, spurring dramatic growth across the country. There has been a lot of dialogue about the need for the next gen of FM. The Capital Chapter Facilithon team does exactly that and invites you to join them to enjoy the experience first-hand. They plan to share their story at Capital Chapter events this year and will hold a fundraiser for Facilithon in September with SkillsUSA national staff in attendance. If you would like to help immediately, there are opportunities to assist in various ways depending on the amount of time you want to invest. Please catch Gary McKelvey at a chapter event, or reach out to staff@IFMACap.org to learn more.

CCIFMA is always looking for new ideas, lessons learned, and unique perspectives. If you have an FM-related experience or area of expertise that could benefit your fellow members, please consider writing an article for our newsletter. Don’t worry if you’re no Shakespeare because we’ve got enterprising writers and editors on the Communications Team to help you tell your story.

Here's a list of topics for upcoming newsletters. Do any of these fit your interests and experiences?

- Environmental Stewardship and Sustainability
- Human Factors
- Project Management
- Emergency Preparedness & Business Continuity

For more information about these topics, click here to view IFMA’s Core Competencies. Contact us with questions or submit your story today!
Lynn Bradfield currently works as a Relocation Project Manager at JLL. In this role, Lynn provides expertise in project management, space planning, work order administration, CAD/CAFM administration, asset management, relocation management, and installation and move services.

Prior to joining JLL, Lynn was a Property Development and Senior Building Relocation Professional at Freddie Mac. Lynn received her Facility Management Certificate from George Washington University in Washington, DC. She received her BFA from West Virginia University.

Lynn was President of the Capital Chapter for the 2015-2016 year and continues to stay involved with the Chapter. She has also previously held the roles of Treasurer and Professional Member of the Year!

How Has the Chapter and the FM Profession Changed Over the Last 30 Years?

Throughout the past several years, facility management has developed into a recognizable, respected profession and career track. Roles and responsibilities of the conventional facility manager have shifted in a remarkable way due to the profession becoming more technical and requiring much more sophistication. The facility manager is no longer primarily assigned to maintenance concerns, but fully integrated and involved in a majority of facility functions. The facility department is now a critical component of the success of any organization. As the FM industry has continued to advance and change with the workplace, so has the Capital Chapter. By supporting this new way of thinking about FM, the Chapter has adapted strategies that are reflected in their quality programming, diverse membership, leadership and FM recognition.

Name a Couple of Capital Chapter Highlights that Stand Out from Over the Years.

There have been so many excellent events it’s hard to just mention one or two. But I will say our ongoing professional development programs, the “Awards of Excellence” events on the Potomac river cruise, and at the American History Museum have been the overall highlights for me.

How Do We Attract New Talent to Take Over the Profession?

We can attract new talent by continuously promoting the industry as a viable career path and encouraging facility departments to fill the void by:

• Training existing employees
• Keeping an open mind to transferrable skills
• Recruiting differently by creating partnerships with educational institutions and programs such as Facilithons
• Establishing a mentor program within the department or with an FM career oriented professional association

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Can You Comment on a Capital Chapter of IFMA-Related Vendor Relationship and How it Has Developed Over the Years?

During the time I have been a member, I have seen many changes to the Chapter’s approach to developing our vendor relationships. I feel it is now a win-win for both our FM and Associate members. Our associates/partners provide valuable support to the Chapter and this relationship has become a true partnership within our Chapter’s community.

What’s Next for You?

Hopefully continuing to work for a few more years in the industry I enjoy, staying active with our Chapter and then learning how to retire. When that time comes, I plan on getting back involved in my first career choice and volunteering with a local community theatre performing arts organization.

What Do You Think the Next Great Challenge is for the Industry?

Bringing new talent into the facility field is an industry-wide challenge due to the critical shortage of professionals. The need to replace the existing aging workforce with new talent adds urgency to this challenge. Unfortunately, there continues to be a lack of public exposure to the FM profession and not enough undergraduate and graduate degree programs. Without proper marketing programs to promote the field within the public-school systems and high-quality undergraduate and graduate degree programs, I’m afraid we may never produce enough FM graduates to meet industry demand.
Get the Most from Your Membership with CFM, FMP and SFP Designations

A key benefit of IFMA membership is maintaining professional growth through the facility management professional program which offers three designations: Certified Facility Manager (CFM), Facility Management Professional (FMP) and the Sustainability Facility Professional (SFP).

The CFM credential sets the industry standard for continuing the knowledge and abilities of practicing facility managers.

The following individuals recently earned CFM credentials:

- Meighan Altwies
- Jayden Jackson
- Andrey Kosarev
- Andrea Martinez
- Daniel Strain
- Tony Valchera

You can also earn the Facility Management Professional (FMP) designation, a knowledge-based credential demonstrating a proven comprehension of the basics of facility management. The FMP designation can be completed in approximately 12 months, and FMP candidates may customize their training to build the specific knowledge they need to meet individual goals.

The following individuals recently earned FMP credentials:

- Patricia Encarnacion
- Angela Jackson
- Tchuiissi MBU Nyamsi
- Ashley Oppedisano
- Vincent Reed

IFMA’s SFP is an assessment-based certificate program delivering a specialty credential in sustainability. By earning your SFP credential, you will develop and gain recognition for your expertise in sustainable FM practices while impacting your organization’s economic, environmental and social bottom lines.

The following individual recently earned the SFP credential:

- Matthew Buchanan
2019 Student Scholarship Sponsorship Opportunities Available

There's still time to make a difference! For information on sponsoring a 2019 student scholarship, please contact Christina Gonzales.

IFMA Foundation World Premiere Casino Royale: Shaken Not Stirred Featuring the “Battle of the Bonds”

Your mission, should you choose to accept, is register to attend the IFMA Foundation Annual Gala. Your industry calls on you to make a difference. Kick off World Workplace 2019 by daring to attend the Tuesday night IFMA Foundation fundraiser experience. Should you accept the mission of the IFMA Foundation, your actions will safeguard the industry by making FM a career of choice and igniting the future of our field. For FMs and the built environment industry, we call on you to act. Click here to become a supporter and to purchase tickets. Learn more about the “Battle of the Bonds.”
system, a 2 MW solar photovoltaic (PV) system utilizing parking canopies, and battery storage. The CHP provides building heating and domestic hot water, while the overall system meets roughly 90% of PSHQ’s annual electricity needs and provides energy resilience during emergencies. The project is a public-private partnership and utilizes an expanded Power Purchase Agreement (PPA), which is commonly used for single energy source projects like solar PV. Under this “microgrid-as-a-service” agreement, a third-party is responsible for system ownership, operation, and performance. The County avoided upfront capital requirements and simply pays for equipment availability and greener energy at an agreed-upon rate, good for 25 years.

While the PSHQ project had many sustainability side benefits, its primary driver was energy resilience due to the County’s focus on public services. Resilience is becoming more important to commercial interests, as well. As reliable energy becomes more desirable than lowest-cost energy for some building tenants, microgrids could play an important role in that shift. There’s even a new certification program called Performance Excellence in Electricity Renewal (PEER) that could attract tenants and investors to facilities utilizing resilient and sustainable energy infrastructure. PEER works in concert with the well-known Leadership in Energy and Environmental Design (LEED) program that certifies green buildings.

Still, focusing too narrowly on the resilience capabilities of microgrids may leave them shortchanged. It’s been said there is no established “value stream” for resilience, in part because the (very tangible) value of added resilience is usually omitted from traditional cost-effectiveness calculations. Additionally, as an owner or operator of a building or campus, how do you justify making a resilience investment for a situation that may not occur for years (if ever), especially when there are other needs competing for scarce resources that might provide a more obvious payback? While there may be public-purpose microgrids that could be justified in terms of resilience alone, most other microgrid projects require additional rationale, the most common being economics. Guy Warner is CEO of Pareto Energy.

“We can tell from our experience in this area and in most cities in the northeast U.S., affordability leads the pack,” he said. “Affordability, reliability, and sustainability are the drivers, and in that order.” When advanced controls, renewable assets, and energy storage are combined, an “optimized” microgrid can be created to respond to energy markets in real time, thus providing opportunities to generate revenue and savings from demand response events, renewable energy credits (RECs), sale of excess power to the macrogrid, and in some cases arbitraging from cheap to expensive generation. One example of an optimized campus microgrid (i.e. single owner, multiple buildings) in the DMV that will seek to take advantage of economic opportunities provided by microgrid architecture is Gallaudet University in Northeast DC. The University is bidding development of a new microgrid that will include district energy, and Edward Yim says it’s mostly about the economics.

“It is essentially just one gigantic energy efficiency project,” he said. “There is so much net savings on the operation and maintenance side that by taking their energy from the microgrid instead of buying retail electricity, even at their low price, and bundling in the thermal energy, it pencils without any outside incentives.”

Yet there are other local campus microgrids that illustrate some of the shortcomings of the current microgrid environment. The National Institutes of Health (NIH) campus in Bethesda, MD has a large microgrid that includes a CHP system. Guy Warner wonders if excess energy from NIH could be sold to its neighbors (e.g. Suburban Hospital) for critical operations, or to the utility grid. He calls the NIH microgrid an “incredible resource” that could be further optimized if utility grid connectivity challenges could be overcome, noting its similarity to other large CHP microgrids in New York City that face similar hurdles.

“These types of facilities have a significant amount of affordable, reliable, and clean excess power to give,” Warner said. “They often have demand from critical facilities right next to them and they can’t integrate. It’s like being in the ocean and being thirsty.”

Grid connectivity is one of today’s biggest microgrid challenges. Because much of the utility grid is decades old and not designed for two-way power, utilities must be sure that any outside power coming into the grid is safe and up to frequency and voltage standards, preventing so-called “fault current” from damaging the grid. Utilities prefer to protect the grid by installing expensive electro-mechanical (EM) systems, one reason being that shareholders reap dividends when utilities build transportation and distribution infrastructure like these EM systems. Warner says a better approach is using open-source software and off-the-shelf power converters that essentially collect and convert all power to direct current and then

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What interested you in becoming a member?

The Capital Chapter of IFMA was closest to my Tysons office, so I wanted to join that chapter to be able to be active in events and increase my local peer network. I also wanted to have access to certification classes as my career continues to develop.

How do you expect the Capital Chapter to benefit your career?

I am new to the world of FM and I am a sponge for more professional knowledge. I want to be able to meet peers in my field and grow my knowledge base within the profession. I think that my membership and active role in the Capital Chapter will enable me to gain information regarding best practices from my colleagues as well as the educational opportunities the chapter provides.

Some of your favorites....

Movie: All Marvel movies; regardless of how hokey they are.
Food: Seafood, especially sushi.
Hobby: Visiting wineries and distilleries in the area.
Vacation Spot: Disneyworld in Florida... it’s a favorite family tradition.
Restaurant: Sense of Thai in One Loudoun, VA.
Weekend: Meal prep for the week while binge watching on Netflix.

With More Extreme Weather on the Horizon, Are Microgrids the Future of Energy Resilience? Continued from page 10

back to alternating current to prepare it for grid integration. This approach allows for near-instantaneous islanding as well as easier sale of excess power to the utility grid. It is about half the cost of the EM solution and has been widely adopted outside of the U.S.

Still another challenge involves initial design and capital requirements. Before microgrid developers can seek outside project funding, they must obtain a "conditional interconnection approval" which essentially confirms the new microgrid can integrate with the utility grid. However, because each microgrid design is unique, this approval typically requires a 30% engineering design, which may cost several million dollars. This can be an expensive upfront outlay for an uncertain outcome, and these initial design and capital requirements often derail a project early on. Warner says one piece of good news is that new money is coming into the microgrid market from private equity and insurers to help bridge this gap.

One improvement that would address these challenges simultaneously is a more standardized microgrid design process. Warner suggests having engineering and operations research departments at universities (such as University of Maryland, which operates its own microgrid) offer services for microgrid planning and modeling, a tedious but not complex endeavor. These services could be funded via private equity, European foundations promoting green energy, and/or state energy agencies. This could help push true community microgrids, where multiple building owners and energy users come together to establish a microgrid for their own shared benefits. Edward Yim says that’s one type of microgrid DOEE has yet to see completed.

"We don’t have that here yet, but it’s something that people are trying," he said. "It’s complicated in terms of regulations and ownership interests, especially if the microgrid operator is not the utility." Yim says that DOEE has proposed a set of streamlined or "light touch" regulations to the Public Service Commission to pave the way for community microgrids in DC. These regulations are based on work done by New York State. The lack of such regulations in DC may have helped sidetrack a planned community microgrid development on the old Walter Reed campus, at least for now. Pepco objected to the project, saying it would be operated like a utility and should therefore be regulated like one.

Community microgrids represent one of the more sophisticated approaches to deploying microgrid technologies. Yim said that while these sophisticated microgrids may not be everyone’s cup of tea, there is a simpler approach to resilience, namely islandable backup power for single buildings, that may better fit some needs. For example, both Maryland and DC are seeking to develop community "resilience hubs" in select urban neighborhoods. These hubs would be single buildings with islandable backup power, designed to provide public access to critical services like thermal comfort, refrigeration, and personal electronics recharging during grid outages. Yim said DOEE is working with Pepco to streamline single building islanding (especially systems with solar and storage) for resilience hubs and other applications, while at the same time encouraging other more innovative approaches to deploying microgrid technologies in DC.

New Member Spotlight Continued from page 3

Replacement Natural Gas Combustion Turbine for Combined Heat and Power (CHP) System at National Institutes of Health in Bethesda, MD
Welcome New Members

Sonya Aquino • OFS
Stephanie Basham • Consumer Financial Protection Bureau
Marvin Best • Crowell & Moring LLP
Eric Butts • DC Superior Courts
Krishilda Caballo • Octo Consulting Group, Inc.
Ashanda Carpenter • United States Supreme Court
Gibney Cristine • Catholic University of America School of Architecture
Willie Elam • United States Supreme Court
Chuck Emerling • Sumner Furniture
David Gallagher • MITRE Corporation
Jeffrey Garcia •
Patricia Hodgson • Our Lady of Bethesda Retreat Center
Paula Jimenez • Waterford Consultants LLC
Jonathan Kruft • ATI, Inc.
Diep Ly •
Andy Mackay • Okta
Kirby McCleary • Walker Consultants
Ruth Monte • Servicenow
Jina Noland • Eighth Day Design
Terence Perkins • Geico
Vincent Reed • US Dept. of Interior
John Robinson • American Immigration Lawyers Association
Michael Thomas • DC Government
Karl Warner • Spacesaver Interiors
James Weiser • Federal Reserve Board of Governors
Kat Zimmerman • SOLID Surface Care

Capital Chapter’s JOBnet Delivers!

Looking for a Job? Looking for a great candidate to fill a vacancy? Visit the Capital Chapter’s JOBnet and access jobs and candidates in the metro-DC area. The most recent job postings are listed below:

Title: **Director of Building Services**  
Company: **The Optical Society**  
Location: **Washington, DC**  
Posted: **5/22/19**

The Optical Society (OSA) is recruiting for a Director of Building Services. The successful candidate directs the design, planning, and maintenance of an organization’s facilities and property for OSA and tenants. Supervises and coordinates building maintenance engineering, security, safety, utilities, custodial, waste management, landscaping, extermination, parking and other contracts and programs related to building operations. Oversees daily distribution functions to include postage and all delivery requirements of mail correspondence. Assists with management of conference facilities. Responsible for relationship of building tenants. Responsible for liaison with neighbors and neighborhood facilities-related organizations.

Title: **Executive Director, Operations, Maintenance & Utilities**  
Company: **University of Maryland**  
Location: **College Park, MD**  
Posted: **5/7/19**

Facilities Management (FM) at the University of Maryland seeks an Executive Director to lead the Department of Operations & Maintenance. This senior position is part of the division’s leadership team and responsible for over 300 trades persons, project managers, utilities specialists, engineering technicians, contract managers, engineers and incident response specialists. The Executive Director is responsible for a $25 million operating budget and a $20 million renewal budget.

Title: **Facilities Manager**  
Company: **NEA Member Benefits**  
Location: **DC-Metro Area**  
Posted: **5/17/19**

NEA Member Benefits is looking for an experienced individual who will provide facilities and property management for our 76,000 square foot facility located in Gaithersburg, Maryland and will head up our Office Services team. This well-organized professional must be able to work independently, successfully handle multiple responsibilities, possess excellent communications and project management skills, and will report directly to executive management.
Special Thanks to Our Capital Chapter Partners

**PLATINUM**
- JK Moving

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- FM Studios
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**SILVER**
- Able
- Bravo
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- Haworth
- Hilldrup
- Kimball
- Meridian
- millers
- NOS
- Tandus | Centiva
- The Blue Book
- Ultra

**BRONZE**
- Avitecture
- FEA
- millicare
- Patcraft

Get Linked into the Pulse of the Capital Chapter!

LinkedIn

This is your invitation to get more involved with the Capital Chapter of IFMA through our LinkedIn Group! LinkedIn is a great tool to connect with those in the FM industry; stay informed on current events and industry news; and share your knowledge. Visit www.linkedin.com to create an account, then search for the group IFMA-Capital Chapter and follow the prompt to request to join. **Note:** This group is only open to Capital Chapter members. If you're not a member, navigate to the chapter website and click the JOIN link at the top of the screen. We'll see you online!
Capital Chapter Upcoming Events…

July 23:  
**The Evolution of the 1st Net Zero Commercial Building in DC**  
American Geophysical Union, Washington, DC

Oct. 16-18:  
**IFMA’s World Workplace**  
Phoenix Convention Center, Phoenix, AZ

For more information, or to register, visit the Capital Chapter [website](#) or call **703-691-IFMA**.