

# BUILDINGS BULLETIN E-NEWSLETTER

This twice-weekly e-newsletter is new for 2018. Written by an award-winning editorial team, *BUILDINGS Bulletin* gives owners and facility professionals both up-to-date news and in-depth solutions for maintenance and operations.

The focus is on all building systems and equipment in commercial buildings, with some issues being dedicated to a single weekly subject covering some of the most pressing areas in the commercial building market:

- Energy Management
- Roofing
- Lighting Retrofits
- Data Centers
- Internet of Things

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**BUILDINGS Bulletin**  
FOCUS ON  
**DATA CENTERS**

As Hawaii hunkers down, here's  
hoping facility disaster plans were  
well developed. Should you trust yours?



Hawaii Braces for Hurricane Lane – Would Your Disaster Plan Hold Up? [Read More >>](#)

**IN THE NEWS**



**DESIGNING FOR SPECIAL NEEDS STUDENTS**  
See how this company is thoughtfully designing special needs learning and treatment centers in Texas.



MOVINCOOL  
THE #1 SPOT COOLING SOLUTION

Effective. Reliable. The #1 spot  
cooling solution. [LEARN MORE](#)





**HOW TO AVOID PROGRESSIVE COLLAPSE IN YOUR BUILDING**  
A parking garage outside Dallas collapsed on July 31, crushing 21 cars. Could your building be next?

**8 WAYS TO OPTIMIZE DATA CENTERS**  
You don't always need a huge upfront investment or new equipment. Just implement these strategies.

**NEW EVAPORATIVE COOLING SOLUTION FOR DATA CENTERS**  
This new cooling system uses innovative materials to improve performance.

**PRODUCTS & RESOURCES**



**SplitLek Integral Grommet**  
Seals cable cut-outs in data centers.



**Direct Drive Dynamo Centrifugal fans.**



**QCC2 and QCC3 Condensing units.**



**Terscom TCW220 Ethernet Data Logger**  
Interface for up to 8 sensors.



**Multi-Ply Roofing: REDUNDANCY AND VALUE**



**Hardin Memorial Hospital – The Complete Wall System**

**BUILDINGS EDUCATION**



**REGISTER NOW HVAC Design Strategies**



**Connectivity Simplified for the Commercial Interior Space**



**Three Solutions for Plug Load Control**



**The Power of Data**



**Is Your Building Right for a Vegetated Roof?**



**Reducing Facility Costs with Integrated Access Control Solutions**

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\* Publisher's Own Data

# BUILDINGS BULLETIN E-NEWSLETTER

AD #	AD TYPE	AD POSITION	AD SIZE
1	Leaderboard	Above e-Newsletter	728 x 90
2	Body Banner	Position 1	728 x 90
		Position 2	728 x 90
3	Text Advert	Position 1	130 x 130 plus 75 words
		Position 2	130 x 130 plus 75 words
		Position 3	130 x 130 plus 75 words

AD SIZE	ENEWS ONLY RATE	INTEGRATED PROGRAM RATE
Leaderboard	\$4,245	\$3,655
Body Banner - Position 1	\$4,045	\$3,480
Body Banner - Position 2	\$3,040	\$2,615
Text - Position 1	\$4,045	\$3,480
Text - Position 2	\$3,040	\$2,615
Text - Position 3	\$1,840	\$1,580

1

2

**BUILDINGS Bulletin** Here are 10 ways your fire protection system might be violating code right now.

**PRODUCT INNOVATIONS**

Ways Your Fire Safety System Could Be Falling Short [Read More >>](#)

3

**MAGNETIC DRY ERASE WHITEWALL® PANELS**

4

**26 INSANELY INNOVATIVE PRODUCTS FOR INTERIORS**

5

**MOVNCOOL** Effective. Reliable. The #1 spot cooling solution. [LEARN MORE](#)

6

**6 TIPS TO IMPROVE YOUR BUILDING'S ACCESS CONTROL SYSTEM**

**RESTRAIN RISING PLUG LOADS**

**BEST PRACTICES TO REDUCE PLUG LOADS**

**PRODUCTS & RESOURCES**

- Monochrome and Surface Tone
- Centrif Booth
- Pluggable Terminal Blocks
- Sand Dalar
- Growth, Risk and Return in emerging markets
- Keel Police Station Design Transition

**BUILDINGS EDUCATION**

- REGISTER NOW: HVAC Design Strategies
- The Power of Data
- Your ROI with VFDs
- Why Submetering is Critical for Reducing Energy Use and Cost
- Three Solutions for Plug Load Control
- Optimizing Existing Data Centers

**BUILDINGS Bulletin** At night, city temperatures can be 22 degrees warmer than rural regions: But there's more.

**FOCUS ON ROOFING**

Heat Island Effect: What You Need to Know (Including Solutions) [Read More >>](#)

**CONTENT FROM SARNATH**

**BUILDING OWNERS ARE NO LONGER STUCK**

...with TPO or EPDM self-adhered roof membranes, introducing the industry's first joint & stick PVC membrane, Sarnath® G-430 Self-Adhered. Eliminates adhesive VOCs and odor while getting all the benefits of a Sarnath® adhered roofing system. G-430 SA is perfect for buildings that need to be occupied while installing the roof such as hospitals, schools, manufacturing, etc.

[Click here to learn more.](#) To request a sample, call 800-576-2356.

**3 VITAL ROLES OF ROOFING INSULATION**

Roof insulation affects your building's operations cost daily. Maximize its life with these tips.

**BUILDINGS Bulletin** Emergency evacuation in Frankfurt Airport leaves passengers stranded and concerned. Here's more.

**FOCUS ON LEED & ACOUSTICS**

Frankfurt Proves Why You Need a Plan for Your Facility [Read More >>](#)

**CONTENT FROM MODULAR BUILDING INSTITUTE**

**CHANGING THE WAY THE WORLD BUILDS – GREENER, FASTER, SMARTER**

The Modular Building Institute (MBI) is the international non-profit trade association serving modular construction. Members are manufacturers, contractors, and buyers in two distinct segments of the industry – permanent modular construction (PMC) and relocatable buildings (RB). Associate members are companies requiring building components, services, and financing. MBI strives to keep up with the latest trends of the modular/multi construction industry and has expanded its membership over the years to include architects, engineers/designers, and general contractors.

To learn more and join, visit <http://modular.org/>

**SCHOOLS OBTAINING LEED CERTIFICATION SHOULD FOCUS ON METRICS**

Schools and districts working on obtaining LEED certification are tracking sustainability metrics.

# BUILDINGS BULLETIN 2X WEEKLY

DATE		TOPIC #1	TOPIC #2
1/3	Thurs	ROOFING: Maintenance and Performance	
1/8	Tues	Plug Loads	Product Focus: IoT Devices
1/10	Thurs	THE ENERGY MANAGER: Benchmarking and Energy Math	
1/15	Tues	Thermal comfort	Envelope/Exteriors
1/17	Thurs	Daylighting	Flooring
1/22	Tues	Renewable Energy	Security
1/24	Thurs	LIGHTING RETROFITS: Relamping and Controls	
1/29	Tues	Chilled Beams	Fire Suppression
1/31	Thurs	ROOFING: Trends and Applications	
2/5	Tues	Waste Management	Flooring
2/7	Thurs	THE ENERGY MANAGER: Resources	
2/12	Tues	Building Controls	Product Focus: Washrooms
2/14	Thurs	HVAC	Water Conservation
2/19	Tues	Access Control/Security	Acoustics
2/21	Thurs	DATA CENTER FM: New Tech and Best Practices	
2/26	Tues	Energy audits	IEQ
2/28	Thurs	ROOFING: Maintenance and Performance	
3/5	Tues	Envelope	Security
3/7	Thurs	INTERNET OF THINGS	
3/12	Tues	HVAC	Product Focus: Acoustics
3/14	Thurs	Power Management	Pest control
3/19	Tues	Building controls	Workplace Productivity
3/21	Thurs	THE ENERGY MANAGER: Lighting Audits and relamping	
3/26	Tues	VRF Systems	IEQ
3/28	Thurs	Lighting	Interiors
4/2	Tues	Insulation	Product focus: Money-Saving Products
4/4	Thurs	ROOFING: Trends and Applications	
4/9	Tues	Renewable Energy	Summer prep
4/11	Thurs	THE ENERGY MANAGER: Best Practices and Tools	
4/16	Tues	Life Safety	Codes & Standards

DATE		TOPIC #1	TOPIC #2
4/18	Thurs	Owner Liability	Washrooms
4/23	Tues	New technology	Window Replacement
4/25	Thurs	LIGHTING RETROFITS: LEDs and Exterior Lighting	
4/30	Tues	Interiors & furniture	Water Management
5/2	Thurs	ROOFING: Maintenance and Performance	
5/7	Tues	HVAC Controls	Product Focus: Roofing
5/9	Thurs	THE ENERGY MANAGER: Benchmarking and Energy Math	
5/14	Tues	Renewable Energy	Disaster Recovery
5/16	Thurs	Window Shading & Treatments	
5/21	Tues	Ceilings	Janitorial
5/23	Thurs	DATA CENTER FM: Energy Efficiency and Resilience	
5/29	Weds	Office Interiors	Energy storage
5/30	Thurs	Emergency Preparedness	Building Automation
6/4	Tues	Roofing	Office Furniture
6/6	Thurs	ROOFING: Trends and Applications	
6/11	Tues	Wireless Controls	Product Focus: Lighting
6/13	Thurs	THE ENERGY MANAGER: Best Practices and Tools	
6/18	Tues	Envelope/Exteriors	Paints and coatings
6/20	Thurs	Flooring	Renewable Energy
6/25	Tues	Codes & Regulations	Building maintenance
6/27	Thurs	Lighting retrofits	Vegetated Roofs
7/2	Tues	ROOFING: Maintenance and Performance	Product Innovation Awards
7/9	Tues	Power Metering	Product Focus: Water Heaters & Boilers
7/11	Thurs	THE ENERGY MANAGER: Benchmarking and Energy Math	
7/16	Tues	Fire Suppression	HVAC
7/18	Thurs	Water Efficiency	Access Control
7/23	Tues	Automation	ADA Regulations
7/25	Thurs	LIGHTING RETROFITS: Relamping and Controls	
7/30	Tues	Building Controls and Maintenance	Power Management
8/1	Thurs	ROOFING: Trends and Applications	

Roofing	Energy	Lighting	HVAC/Mechanical	Automation/Building Controls	Data Centers	Internet of Things
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# BUILDINGS BULLETIN 2X WEEKLY

DATE		TOPIC #1	TOPIC #2
8/6	Tues	Green Resources	Careers and training
8/8	Thurs	THE ENERGY MANAGER: Best Practices and Tools	
8/13	Tues	Plug Loads	Product Focus: Fire and Life Safety
8/15	Thurs	HVAC	Acoustics
8/20	Tues	Workplace Productivity and Training	VRF Systems
8/22	Thurs	DATA CENTER FM: New Tech and Best Practices	
8/27	Tues	IoT-Driven Facilities	Office furniture
8/29	Thurs	Interiors	Life Safety/Security
9/3	Tues	Green Cleaning	Acoustics
9/5	Thurs	ROOFING: Maintenance and Performance	
9/10	Tues	Vertical Transportation	Product Focus: Furniture
9/12	Thurs	THE ENERGY MANAGER: Lighting Controls	
9/17	Tues	Codes & Standards	Well and Active Buildings
9/19	Thurs	Washrooms	Window Shading
9/24	Tues	Life Safety/Security	Furniture & Partitions
9/26	Thurs	DATA CENTERS	
10/1	Tues	Well/Active Buildings	Winter Preparation
10/3	Thurs	ROOFING: Trends and Applications	
10/8	Tues	Disaster Recovery	Green workplace/ Wellness
10/10	Thurs	THE ENERGY MANAGER: Best Practices and Tools	
10/15	Tues	Window Shading & Treatments	Product Focus: Envelope

DATE		TOPIC #1	TOPIC #2
10/17	Thurs	Paints & Coatings	Ceilings
10/22	Tues	Janitorial	Winter prep
10/24	Thurs	LIGHTING RETROFITS: LEDs and Exterior Lighting	
10/29	Tues	Green Solutions	HVAC
10/31	Thurs	ROOFING: Maintenance and Performance	
11/5	Tues	Accessibility/ADA	Climate/Crisis Resilience
11/7	Thurs	THE ENERGY MANAGER: Benchmarking and Energy Math	
11/12	Tues	HVAC Controls	Product Focus: Janitorial
11/14	Thurs	Envelope/Exteriors	Daylighting
11/19	Tues	DATA CENTER FM: Energy Efficiency and Resilience	
11/21	Thurs	Carpet	Renewable Energy
11/26	Tues	Envelope	Security
11/28	Thurs	HVAC	ADA
12/3	Tues	Technology	Green Certification
12/5	Thurs	ROOFING: Trends and Applications	
12/10	Tues	THE ENERGY MANAGER: Renewable Energy and VRF	
12/12	Thurs	TECH: IoT and trends	
12/17	Tues	Water Conservation	Access Control
12/19	Thurs	Acoustics	ADA Regulations
12/27	Thurs	INTERNET OF THINGS: HVAC and Office Applications	FM Careers

Roofing	Energy	Lighting	HVAC/Mechanical	Automation/Building Controls	Data Centers	Internet of Things
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# BUILDINGS BULLETIN 2X WEEKLY

## THE ENERGY MANAGER

DATE		TOPIC
1/10	Thurs	THE ENERGY MANAGER: Benchmarking and Energy Math
1/22	Tues	Renewable Energy
2/7	Thurs	THE ENERGY MANAGER: Resources
2/26	Tues	Energy audits
3/21	Thurs	THE ENERGY MANAGER: Audits and relamping
4/9	Tues	Renewable Energy
4/11	Thurs	THE ENERGY MANAGER: Best Practices and Tools
5/9	Thurs	THE ENERGY MANAGER: Benchmarking and Energy Math
5/29	Weds	Energy storage
6/13	Thurs	THE ENERGY MANAGER: Best Practices and Tools
6/20	Thurs	Renewable Energy
7/11	Thurs	THE ENERGY MANAGER: Benchmarking and Energy Math
8/8	Thurs	THE ENERGY MANAGER: Best Practices and Tools
9/12	Thurs	THE ENERGY MANAGER: Lighting Controls
10/10	Thurs	THE ENERGY MANAGER: Best Practices and Tools
11/7	Thurs	THE ENERGY MANAGER: Benchmarking and Energy Math
11/21	Thurs	Renewable Energy
12/10	Tues	THE ENERGY MANAGER: Renewable Energy and VRF

## ROOFING RESULTS

DATE		TOPIC
1/3	Thurs	ROOFING: Maintenance and Performance
1/31	Thurs	ROOFING: Trends and Applications
2/28	Thurs	ROOFING: Maintenance and Performance
4/4	Thurs	ROOFING: Trends and Applications
5/2	Thurs	ROOFING: Maintenance and Performance
5/7	Tues	Product Focus: Roofing
6/4	Tues	Roofing
6/6	Thurs	ROOFING: Trends and Applications
7/2	Tues	ROOFING: Maintenance and Performance
8/1	Thurs	ROOFING: Trends and Applications
9/5	Thurs	ROOFING: Maintenance and Performance
10/3	Thurs	ROOFING: Trends and Applications
10/31	Thurs	ROOFING: Maintenance and Performance
12/5	Thurs	ROOFING: Trends and Applications

## HVAC/ MECHANICAL

DATE		TOPIC
1/29	Tues	Chilled Beams
2/14	Thurs	HVAC
2/26	Tues	IEQ
3/12	Tues	HVAC
3/26	Tues	VRF Systems < IEQ
5/7	Tues	HVAC Controls
7/9	Tues	Product Focus: Water Heaters & Boilers
7/16	Tues	HVAC
8/15	Thurs	HVAC
8/20	Tues	VRF Systems
10/29	Tues	HVAC
11/12	Tues	HVAC Controls
11/28	Thurs	HVAC
12/10	Tues	Product Focus: VRF
11/29	Thurs	HVAC
12/10	Tues	Product Focus: VRF

## LIGHTING RETROFITS

DATE		TOPIC
1/24	Thurs	LIGHTING RETROFITS: Relamping and Controls
3/28	Thurs	Lighting
4/25	Thurs	LIGHTING RETROFITS: LEDs and Exterior Lighting
6/11	Tues	Product Focus: Lighting
6/27	Thurs	Lighting retrofits
7/25	Thurs	LIGHTING RETROFITS: Relamping and Controls
10/24	Thurs	LIGHTING RETROFITS: LEDs and Exterior Lighting

## AUTOMATION/BUILDING CONTROLS

DATE		TOPIC
2/12	Tues	Building Controls
3/19	Tues	Building controls
5/30	Thurs	Building Automation
6/11	Tues	Wireless Controls
7/23	Tues	Automation
7/30	Tues	Building Controls and Maintenance

## INTERNET of THINGS

DATE		TOPIC
1/8	Tues	Product Focus: IoT Devices
3/7	Thurs	INTERNET OF THINGS
8/27	Tues	IoT-Driven Facilities
12/12	Thurs	TECH: IoT and trends
12/27	Thurs	INTERNET OF THINGS: HVAC and Office Applications

## DATA CENTER FM

DATE		TOPIC
2/21	Thurs	DATA CENTER FM: New Tech and Best Practices
5/23	Thurs	DATA CENTER FM: Energy Efficiency and Resilience
8/22	Thurs	DATA CENTER FM: New Tech and Best Practices
9/26	Thurs	DATA CENTERS
11/19	Tues	DATA CENTER FM: Energy Efficiency and Resilience