

# A CBEA Update

A monthly electronic newsletter published by the U.S. Department of Energy's Building Technologies Program on the Commercial Building Energy Alliances (CBEAs) and their role in the Commercial Building Initiative.

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CBEA members are working together to advance energy-efficient technologies! It's well known that a CBEA working group developed specifications for solid-state parking lot lighting and installed the lights in a Kansas Walmart. Last month, fellow REA member Lowe's worked with Walmart to install LED parking lights from the specification in a Lowe's retrofit project. The two members are working to compare results from each site to present to other CBEA members.

## UPCOMING EVENTS

### March

21-24

#### **EEI National Key Accounts Workshop**

Edison Electric Institute

Boston

[www.eei.org](http://www.eei.org)

24-26

#### **GLOBE 2010**

GLOBE Foundation

Vancouver, British Columbia

[www.globe2010.com](http://www.globe2010.com)

### April

13-15

#### **IFMA Facility Fusion**

International Facility Management

Association

Philadelphia

[www.ifma.org](http://www.ifma.org)

DOE's Brian Holuj and REA Member Paul Holliday of Lowe's will present "Who Turned on the Lights? New

### In the News

The February issue of FacilitiesNet includes an article about net-zero energy buildings that quote's DOE's Dru Crawley. To read the article, [click here](#).



Walmart Canada announced that it will open its first sustainable refrigerated distribution center in Balzac, Alberta, later this year.

The center will be an estimated 60 per cent more energy-efficient than Walmart's traditional refrigerated distribution centers.

For more information, [click here](#).

Buildings.com included an article about new types of lease agreements that will help building owners make energy-efficient improvements to existing buildings.

To read the story, [click here](#).

The January issue of Metropolis magazine includes an article that forecasts

Technologies."

18-20

#### **CoreNet Global Summit**

CoreNet Global  
New Orleans

[www.corenetglobal.org](http://www.corenetglobal.org)

DOE's Dru Crawley and CREEA members Henry Chamberlain of BOMA, Brenna Walraven of USAA Real Estate and Clayton Ulrich of Hines will present "Turning up the Heat: Energy Efficiency, Emissions, and the Bottom Line."

21-23

#### **2010 NAFA Technical Seminar**

National Air Filtration Association  
Louisville, Ky.

[www.nafahq.org/tech2010.htm](http://www.nafahq.org/tech2010.htm)

Dru Crawley, the head of DOE's Net-Zero Commercial Building Initiative, will deliver the keynote address.

May

10-14

#### **LIGHTFAIR® International**

Las Vegas  
[www.lightfair.com](http://www.lightfair.com)

DOE's Net-Zero Energy Commercial Building Initiative will host a booth.

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#### **Lighting Supplier Summit**

Held in conjunction with  
LIGHTFAIR® International  
Las Vegas

June

5

#### **NYIT Energy Conference**

New York Institute of Technology  
Long Island, N.Y.

[www.nyit.edu](http://www.nyit.edu)

Dru Crawley, the head of DOE's Net-Zero Commercial Building Initiative, will deliver the keynote address.

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#### **Building Envelope Supplier Summit**

Held in Conjunction with AIA  
Convention 2010  
Miami

10-13

#### **AIA Convention 2010**

The American Institute of Architects  
Miami

[www.aiaconvention.com](http://www.aiaconvention.com)

DOE's Dru Crawley will host a workshop about EnergyPlus and OpenStudio.

improvements in lighting and energy-efficient buildings. For more information about the magazine's predictions, [click here](#).

## Renewable Energy News



The alliances just wrapped up the inaugural Renewable Energy Supplier Summit. Along with other CBEA members, Larry Eisenberg of Los Angeles Community College District presented—this marks the first summit to feature a presentation by a representative from the soon-

to-be launched Higher Education Energy Alliance. At this day-long event, held on Feb. 23 in Austin, Texas, Dave Hunt of the Pacific Northwest National Laboratory told summit attendees how manufacturers and suppliers can submit their products for technology identification and screening by the national labs. To download presentations and an executive summary, [click here](#).

The launch of the supplier summit was timely, considering DOE recently released new estimates of the U.S. potential for wind-generated electricity. The new study from the National Renewable Energy Laboratory (NREL) and AWS True wind tripled previous estimates of the size of the nation's wind resources. For more information about the study, [click here](#).

## CREEA Updates

CREEA is pleased to announce that Marriott International, Inc. has joined the alliance. Marriott owns and operates 3,500 buildings around the world.

There are now 51 companies in CREEA. For a list of members and contact information, [click here](#). Contact Alicia Dunn ([Alicia@akoyaonline.com](mailto:Alicia@akoyaonline.com)) for login and password information.

The next CREEA All-Hands Meeting is June 25, 2010 in Long Beach, Calif., immediately before the BOMA International Conference. CREEA members will be receiving a Save-the-Date very soon with further details.

### **Subcommittee Updates**

- CREEA Steering Committee:  
Feb. 9 conference call notes
- Existing Buildings Subcommittee:  
Jan. 21 conference call notes

### **Upcoming Subcommittee Calls**

- March 15 at 1:00 pm ET: CBEA Lighting Subcommittee "Featured Topic" Webinar

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**CREEA All-Hands Meeting**  
Long Beach, Calif.

27-29

**2010 BOMA International Conference & The Every Building Show**  
Long Beach, Calif.  
[www.bomaconvention.org](http://www.bomaconvention.org)

26-30

**ASHRAE Annual Conference**  
American Society of Heating, Refrigerating and Air-Conditioning Engineers  
Albuquerque, N.M.  
[www.ashrae.org](http://www.ashrae.org)

August

15-18

**GovEnergy 2010**  
Dallas  
[www.govenergy.com](http://www.govenergy.com)

15-20

**2010 ACEEE Summer Study on Energy Efficiency in Buildings**  
American Council for an Energy-Efficient Economy  
Pacific Grove, Calif.  
[www.aceee.org](http://www.aceee.org)  
DOE's Dru Crawley and representatives from the Pacific Northwest National Laboratory and the National Renewable Energy Laboratory will make a presentation.

September

27-30

**Labs21 2010 Annual Conference**  
Labs for the 21st Century  
Albuquerque, N.M.  
[www.labs21century.gov](http://www.labs21century.gov)

October

5-8

**NACS Show**  
Atlanta  
[www.nacsonline.com](http://www.nacsonline.com)

January 2011

29-Feb. 2

**ASHRAE Winter Conference**  
ASHRAE  
Las Vegas  
[www.ashrae.org](http://www.ashrae.org)

February 2011

- March 15 at 2:30 pm ET: CBEA Lighting Subcommittee
- March 16 at 2:00 pm ET: CREEA Shopping Center/Retail Subcommittee
- March 17 at 1:00 pm ET: CREEA Existing Buildings Subcommittee
- March 18 at 2:00 pm ET: Roof Top Unit Working Group

## Webcasts

DOE will host a 90-minute live Webcast that will focus on LEDs for interior office applications. The March 18 event will include presentations from Jason Tuenge and Michael Myer from Pacific Northwest National Laboratory, who will address the current status of LED 2x2 and 2x4 luminaires and LED replacements for linear fluorescent lamps. Drawing on results and trends revealed through the latest rounds of DOE CALiPER testing, the speakers will discuss the advantages, disadvantages and economics of using LEDs in office settings. This 60-minute Webcast will begin at 1 p.m. ET and will be followed by a 30-minute question-and-answer session. To register, [click here](#).

If you are unable to attend this live Webcast, a copy of it will be posted on the DOE's [Solid-State Lighting Web site](#).

The Solar Foundation, a nonprofit organization that promotes the use of solar energy technologies, hosts a weekly Wednesday Webinar series. For more information, [click here](#).

## Supplier Summits



The CBEAs will host the Lighting and Controls Supplier Summit on May 11 in Las Vegas, just prior to LIGHTFAIR® International 2010. For more information, [click here](#).

The Building Envelope Supplier Summit will take place on June 9 in Miami, in coordination with the AIA National Convention and Design Expo. Stay tuned for registration information. If you would like your OEMs to receive an invitation to participate, please contact Steve Scarlata ([Steve@akoyaonline.com](mailto:Steve@akoyaonline.com)).

## Policy Updates

For a list of resources and tax incentives available through the American Recovery and Reinvestment Act (Recovery Act), [click here](#).

## Featured Reports and Findings

Scott D. Williams, group manager of mechanical engineering at Target, offered

an idea that, while not energy-minded, is timely and could help buildings buried under heavy snows. Target monitors snow load on buildings to avoid structural overload. At one East Coast store with a heavy snow load, Target found that increasing the internal store temperature from 68 degrees to 74 degrees during the day and even higher at night helped melt the snow on roof, reducing the need for manual snow removal.

While Williams reports the practice had good results in a day, without a big energy impact, he stressed this was just one test. Target is working to better quantify internal and external temperatures to gauge effectiveness. Williams said Target will pass along additional results, but asked that other building owners and operators that test this approach to pass along their results.

## Using the Energy Alliances Web Site

Alliance members find the CBEA content management site to be a helpful source of alliance information, including meeting notes, member details and featured reports. Contact Alicia Dunn ([Alicia@akoyaonline.com](mailto:Alicia@akoyaonline.com)) for login and password information or to suggest new content for this site.

*To submit content for the March issue of the CBEA Update, please e-mail contributions to Allison Schlesinger ([Allison@akoyaonline.com](mailto:Allison@akoyaonline.com)).*