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ENERGY.GOV

Office of Energy Efficiency & Renewable Energy

Building Technologies Office

Building Technologies Digest

The Building Technologies Digest provides a biweekly roundup of the latest news, funding opportunities, reports, events, and webinars from DOE's Building Technologies Office. Click the links below to learn more.

OUTSTANDING ACHIEVEMENTS: EPA and DOE Honor 2016 Energy Star Partners of the Year

The U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) are honoring 149 businesses and organizations in 35 states, including 22 Home Performance with ENERGY STAR partners, for their commitment to saving energy and protecting the environment through superior energy efficiency achievements. In 2014 alone, Energy Star partners prevented more than 283 million metric of greenhouse gas emissions, providing \$31.5 billion in economic benefits.

[LEARN MORE](#)

SUCCESS STORY: 3D Printing Enables New Generation of Heat Exchangers

The University of Maryland, in partnership with 3D Systems and DOE's Building Technologies Office, has used 3D printed to prototype one of the most important enabling technologies in a building – the heat exchanger. This next-generation heat exchanger weighs 20% less, performs 20% more efficient, and can be manufactured much quicker compared to current designs.

[LEARN MORE](#)

EMERGING TECHNOLOGIES

ENERGY MODELING:

EnergyPlus is Going Residential with New RESNET Partnerships

ENERGY MODELING:

Comments Due Tomorrow on Draft Roadmap

Comment deadline: April 1

LIGHTING:

DOE Seeking Feedback on New Lighting R&D Initiative

Comment deadline: April 4

FUNDING OPPORTUNITY:

Small Business Vouchers Pilot with National Labs, Round 2

Deadline: April 10

CROWDSOURCING:

Webinars for 3 Innovation Campaigns with ORNL and Industry

April 6 -7

COMMERCIAL BUILDINGS

CITIES AND UTILITIES:

Energy Data Accelerator Releases 'Blueprint for Action' Toolkit

TECHNOLOGY ADOPTION:

Success of the Interior Lighting Campaign

FUNDING OPPORTUNITY:

Advancing Data-Driven Decision-Making by Local Governments (Cities-LEAP)

Concept Papers Due: May 17

WEBINAR:

Demonstration of New Easy-to-Use Asset Scoring Tool

March 31, 2:00 - 3:00 PM ET

WEBINAR:

Strategies for Controlling Energy and Water Use in Leased Spaces

April 5, 3:00 - 4:00 PM ET

RESIDENTIAL BUILDINGS

MULTIFAMILY HOUSING:

15 New Multifamily Partners in 30 Days for Multifamily Better Buildings Challenge

TOOLKIT:

Realizing Value of Efficiency Program Training Activities

WEBINAR:

Efficiency Program Training: How to Get Results

April 14, 1:00 - 2:30 PM ET

WEBINAR:

Advances in Integrating Energy Efficiency into the Real Estate Market

April 21, 1:00 - 2:30 PM ET

BUILDING CODES

FUNDING OPPORTUNITY:

Commercial Energy Code Field Studies

Deadline: April 11

WEBINAR:

REScheck Compliance Software Basics

April 14, 1:00 - 3:00 PM ET

WEBINAR:

Commercial Lighting Requirements of the 2015 IECC and Standard 90.1

May 12, 1:00 -2:30 PM ET

BTO IN THE NEWS

REFRIGERATION:

QM Power, Maker of High-Efficiency Motors, Announces Move to Kansas City, Hiring Plans

SOLID-STATE LIGHTING:

NHL Teams, Fans Win with LED Lighting

REFRIGERATION:

KC Company's Revolutionary Electric Motor: 50% More Efficient

SENSORS AND CONTROLS:

PNNL to Help Advance Algorithms for Energy-Efficient Buildings

SOLID-STATE LIGHTING:

Smart Energy Tips for Your Wallet

In Case You Missed It

- [Register for 2016 BTO Peer Review](#)
- [BTO 2016-2020 Multi-Year Program Plan](#)

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