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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.

### Future Home Tech:

#### 8 Energy-Saving Solutions on the Horizon

Thanks to breakthroughs by our National Labs, industry and academia, equipment we use in our homes is more energy efficient than ever before, saving consumers money and slashing carbon pollution. Let's take a look at a few technologies we can expect to see in the marketplace within the next few years that will make our homes even more sustainable.

[LEARN MORE](#)

### Success Story:

#### Performance Improvements for Factory-Built Homes

The ARIES Collaborative, a DOE Building America research team, recently developed and evaluated methods to reduce energy use in factory-built housing, as compared to best practice HUD-code construction. The results of this research prove that it is technically feasible to construct factory-built homes to be up to 50% more energy efficient for nominal increased cost.

[LEARN MORE](#)

### EMERGING TECHNOLOGIES

#### Tech-to-Market:

**Challenging National Labs to Rethink Market Engagement Strategy**

#### Funding Opportunity:

**Apply to the 2016 Emerging Technologies Funding Opportunity**

Concept Paper Deadline: January 29

#### News:

**Seven Teams Win Big at Catalyst Energy Innovation Day**

#### News:

**Cool Roofs in China Offer Enhanced Benefits During Heat Waves**

#### Lighting Competition:

**2016 Next Generation Luminaires Outdoor Competition Launched**

Intent to Submit Deadline: January 18

### COMMERCIAL BUILDINGS

#### Event:

**Registration is Now Open for the 2016 Better Buildings Summit**

May 9 - 11, 2016 - Washington, DC

#### Webinar:

**Cutting Edge Building Technologies - Tech Demonstration Opportunities**

January 12, 3:00 - 4:00 PM ET

#### Webinar:

**Ramping up the Market for Zero Energy Buildings**

March 2, 3:00 - 4:00 PM ET

### RESIDENTIAL BUILDINGS

#### Seeking Input:

**Methods for Improving Energy Savings Predictions for Residential Energy Efficiency Upgrades**

Response Deadline: February 21

#### Webinar:

**Getting Enclosures Right in Zero Energy Ready Homes**

February 16, 12:00 - 1:00 PM ET

### BUILDING CODES

#### Code Proposals:

**DOE Announces Final Proposals for 2018 International Energy Conservation Code (IECC)**

#### National Conference:

**Register for the 2016 DOE National Energy Codes Conference**

March 21 - 24, 2016 - Tucson, AZ

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## APPLIANCE STANDARDS

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**In Case You Missed It:**  
Energy Department Announces Largest Energy Efficiency Standard in History

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**Infographic:**  
How Appliance Standards Help Consumers Save Big

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**Energy Savings Week Recap:**  
Standards for Kitchen and Laundry Products Create Big Savings

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**Energy Savings Week Recap:**  
Lowering Energy Bills with Efficient Home Heating

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**Energy Savings Week Recap:**  
How Lighting Standards are Saving You Money

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## BTO IN THE NEWS

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**The Science of Sustainability:**  
Pacific Northwest National Laboratory is changing the built environment with good R&D

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**3-D Printed Home:**  
8 coolest construction technology innovations of 2015

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**Energy Codes:**  
Preliminary results from the largest residential energy code field study ever

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**Startup Competition:**  
Seven Teams Win at Catalyst Energy Innovation Demo Day

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