



# RESIDENTIAL NETWORK

## Network View Newsletter

### News from the Field

#### Report: High Performance Homes Deliver 9.5% Premium

The North Carolina Building Performance Association (NCBPA) released a report in conjunction with the National Association of Home Builders that found a 9.5% premium for high performance homes sold in three of the state's metro markets, in addition to other benefits, such as improved health, safety, comfort, durability, and lower utility bills. Read the [full report](#) to learn more.



Photo: NCBPA

The NCBPA report follows on the heels of the first of its kind—a California appraiser-driven study released by Build It Green and funded by Pacific Gas and Electric Company (PG&E), which showed that green-certified homes in California commanded a higher sales price, even though market barriers often prevented the full value of the home's green features from being recognized.

Learn more about the [report and recommendations](#).

#### New Report Shows Energy Efficiency Could Prevent Asthma Attacks

The [American Council for an Energy-Efficient Economy](#) (ACEEE) and Physicians for Social Responsibility (PSR) released a [new report](#) that links energy efficiency to reductions in residents'

asthma attacks and other health risks. According to the report, reducing electricity consumption by 15% would decrease pollution and save more than six lives per day, 30,000 asthma attacks per year, and



Photo: PSR and ACEEE

March 2018

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DOE FUNDING OPPORTUNITIES »

#### Peer Exchange Calls Register Below

All are invited to take part in these topical calls that serve as a forum to ask questions and engage peers. Register below:

##### March 22

**Power Up: Residential Energy Efficiency and Resiliency**

1–2:30 p.m. ET

[Register now](#)

##### April 12

**Myth Busters: Exposing Residential Energy Efficiency Misconceptions**

1–2:30 p.m. ET

[Register now](#)

up to \$20 billion in avoided health costs annually. The report also ranks U.S. cities by the largest potential health benefits resulting from a 15% reduction in annual electric consumption and highlights the opportunity to improve public health through energy efficiency programs.

[Read the full report here.](#)

## Warm-up to Energy-Saving Technologies

To develop better window and building envelope technologies, increase energy efficiency, and provide some relief for homeowners' wallets, the U.S. Department of Energy's (DOE's) [Building Technologies Office](#) (BTO) has invested in [Building Envelope and Windows Research and Development](#) (R&D).



Photo: Green Building Advisor

Collaborating with Oak Ridge National Laboratory, BTO is working to develop a home [insulation material](#) that is twice as efficient as any currently on the market. BTO is also developing cost-effective [vinyl siding with insulation](#) to make this material more accessible for exterior renovations and easier for homeowners to achieve bigger energy savings. [Polymeric vacuum insulation spheres](#), a high-performing building insulation material, will use individual spheres to increase the insulation's durability, reducing puncture risk and preventing air loss. Lastly, BTO is exploring [vacuum glass](#), which has low-E coating with a small vacuumed space between two layers of glass that can reduce heat loss by 60 to 70%.

Learn more about BTO's [Building Envelope and Windows R&D](#).

## Reporting and Recognition: Elevate Energy

The Better Buildings Residential Network has one requirement that members report the number of annual upgrades completed, as well as any associated benefits or other accomplishments, through the [Reporting and Recognition Template](#).



Residential Network member [Elevate Energy](#) in Chicago, Illinois, designs and implements programs that help homeowners, renters, business owners, non-profits, and utilities use energy wisely. In fiscal year 2016, they completed 4,158 upgrades, which resulted in annual energy savings of over 2.7 million kilowatt-hours of electricity and 997,000 therms of natural gas.

### April 26

#### **Making the Grid Smart: Moving Toward Two-Way Communication in the Digital Age**

1–2:30 p.m. ET

[Register now](#)

#### **Find the Latest Peer Exchange Call Summaries**

Review recent call summaries:

- January 25, 2018  
[Beyond Hunches: Using Science to Drive Behavior Change](#)
- February 1, 2018  
[Achieving Results in the Multifamily Sector: Strategies That Hit Home](#)
- February 14, 2018  
[New Tools in the Toolbox: A Fresh Take on Financing](#)
- February 22, 2018  
[Kick the Cold: The Intersection of Healthy Homes and Energy Efficiency](#)

#### **Related Events**

[2018 HPC National Home Performance Conference and Trade Show](#)

April 23–26, 2018

Philadelphia, Pennsylvania

[ACEEE 2018 Energy Efficiency Finance Forum](#)

May 21–22, 2018

Tarrytown, New York

[Association of Energy Services Professionals Spring 2018 Conference](#)

May 21–23, 2018

Atlanta, Georgia

[ACEEE 2018 International Symposium on Energy Efficiency](#)

June 26, 2018

Washington, DC

[2018 Health in Buildings Roundtable Conference](#)

## Meet the Members

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### New Members Join the Network

The Better Buildings Residential Network is pleased to welcome its newest members:



- [BEST-Techs Contracting](#) (Garden Grove, California)
- [California Hub for Energy Efficiency Financing](#) (Sacramento, California)
- [Emerald Coast Energy Solutions](#) (Santa Rosa Beach, Florida)
- [Indow](#) (Portland, Oregon)
- [Inspection Perfection](#) (San Diego, California)
- [Renewable Energy Alaska Project](#) (Anchorage, Alaska)

Learn more from these members and other programs. Sign up to become a Residential Network member by completing a [membership form](#).

## Resource Corner

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### Spring Forward with New Resources

- [“Saving Watts to Save Drops: Inclusion of Water Efficiency in Energy Efficiency Programs”](#) (ACEEE blog, January 2018)
- [“Cost-Reduction Roadmap Outlines Two Pathways to Meet DOE Residential Solar Cost Target for 2030”](#) (National Renewable Energy Laboratory News Release, February 2018)
- [“The Future Is Here. But Are We Ready? Energy Efficiency and Cybersecurity”](#) (Midwest Energy Efficiency Alliance blog, January 2018)
- [“Will Data Save Home Performance?”](#) (Efficiency First California blog, January 2018)

If your organization has recently published a report or distributed a press release, we want to hear from you. Send your announcement to the [Better Buildings Residential Network](#), so we can be aware of it for future issues of the *Network View* or to share on social media.

## Share the View

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July 19–20, 2018  
Bethesda, Maryland

[ACEEE 2018 Summer Study on Energy Efficiency in Buildings](#)

August 12–17, 2018  
Pacific Grove, California

[2018 Better Buildings Summit/Energy Exchange](#)

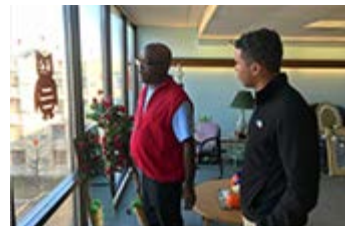
August 21–23, 2018  
Cleveland, Ohio

[ACEEE 2018 Behavior, Energy and Climate Change Conference](#)

October 7–10, 2018  
Washington, DC

*Does your organization have an event you would like us to feature? Email the details to [Better Buildings Residential Network Support](#).*

### Social Media Spotlight



*Photo: Fresh Energy*

Minnesota's [Fresh Energy](#) highlighted the [Saint Paul Tenant-Landlord Energy Project](#), which addresses how energy costs impact tenants in rental units in a video interview posted to its Twitter account.

Forward this email to colleagues or encourage them to sign up to receive each issue themselves. To subscribe, they can simply [email the Residential Network](#).

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