

Monday, August 13, 2018

ACEEE Summer Study at Asilomar, California

## We Can Do Better: Equity and Energy Efficiency



Lauren Ross, ACEEE's Director of Legal Policy

Over the past few years, ACEEE has greatly expanded its commitment to ensuring that energy efficiency investments, policies, and programs benefit everyone. As a result, we have devoted an entire Summer Study panel—Panel 13—to the topic of equity. We want to show that efficiency is a powerful tool for not only creating jobs and protecting health but also for reducing the disproportionate energy costs faced by certain households.

This issue is critical to energy efficiency's success. In our research, co-released with Energy Efficiency for All, we have found that certain rural and urban households spend a disproportionate share of their income on energy bills, forcing some to make tough tradeoffs between paying these bills and buying food or medicine. For example, we found that many low-income households spend more than 15% of their household income on energy costs. But we also know that this is not an intractable problem – in fact, we have identified promising efficiency investments that can enrich entire communities.

Our research suggests that residential efficiency programs consistently underserve low-income residents in both single- and multi-family homes, depriving them of services and whole-home retrofits that increase comfort and slash energy bills. We can design programs to be more accessible to low-income customers, renters as well as residents of affordable multifamily and manufactured housing. Such programs can also create local jobs, improve public health, and foster diversity in the energy efficiency sector. Our research demonstrates that an explicit equity focus is needed to ensure that low-income communities and communities of color benefit from a clean energy economy.

Over the course of this week, through the “Energy Efficiency and Equity: Addressing the Underserved” panel,

## Sunday Night Plenary

After spending more than 25 years at the Environmental Defense Fund, last night's plenary speaker Karen Florini spent a few years at the Obama State Department. She is now Vice President at Climate Central, an organization that studies how best to communicate to the public about the issue of climate change. With all that experience she has not yet—and no one else has—come up with a silver bullet that will change the minds of everyone regarding climate change. It will take a number of approaches.

Florini mentioned the Yale Six Americas study. In short, the young believe in human caused climate change and the older do not. Democrats do and Republicans do not. Of course, there are always exceptions. But how to communicate with the climate skeptics?

Florini mentioned three things: Localize, Allies, and Solutionize.

**Localize.** Climate Central sends information about climate change to 530+ TV meteorologists, including easy to understand graphics. Through its program, Climate Matters, the audience is local newspapers. (She wants to include more on energy efficiency, so if you've got some ideas, she is ready to hear them.) The information Climate Central disseminates includes coastal conditions given unchecked climate change—how many houses and city blocks will be inundated, for example.

**Allies.** Some allies: [skepticalscience.org](http://skepticalscience.org) and Yale Program on Climate Change Communication. In the area of climate change and health: Medical Society Consortium on Climate and Health. Faith based groups: Interfaith Power and Light, Green Muslims, and Catholic Climate Covenant. And more. For example, SciLine helps hook up reporters with scientist advisors.

**Solutionize.** Florini says to offer solutions when talking to an audience about climate change. Talk about local clean energy and energy efficiency jobs. Then there are the “golf course interactions”. The Nature Conservancy has resources for those.

Florini mentioned a significant fraction of the U.S. does not believe there is a consensus among scientists that climate change is human caused. We've got our work cut out for us.

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The U.S. Department of Energy's Building Technologies Office (BTO) is announcing the release of a web-based

application for Scout, a software program BTO developed in partnership with Lawrence Berkeley National Laboratory and the National Renewable Energy Laboratory. Scout estimates the long-term national energy savings, avoided CO2 emissions, and operating cost impact potential of emerging energy efficiency measures in the U.S. residential and commercial building sectors.

The tool can help organizations with large building efficiency programs or portfolios frame their high-level program benefits and costs. Researchers, building managers, architects and engineers, and the public can also use Scout to determine where new energy-saving technologies or approaches fit into the larger U.S. market for building energy efficiency. To find out more, visit the Scout web app at [scout.energy.gov](http://scout.energy.gov).



Join us at the Hospitality gathering tonight in the Fred Farr Forum from 9 – 11 pm! This reception, sponsored by Navigant, offers an open bar for beer or wine (no drink tickets needed).



Come experience a great networking opportunity and reunite with old friends and colleagues.



**Attention all nursing mothers!**  
We have set up a nursing station in **Sanderling** complete with refrigerator, chair, table, and most importantly—privacy. Come to Surf and Sand to get a key to this room.

**SPECIAL EVENT RATES!**

Summer Study attendees receive a special **\$100 registration discount** for the **Behavior, Energy & Climate Change conference** (October, Washington, DC), which is the premier international event on how human behavior and decision-making can spur the transition to an energy-efficient, low-carbon future. To register, go to the BECC website [beccconference.org](http://beccconference.org) and choose the "SS" registration rate and enter code "Sustainable." This offer ends Thursday, August 16.

SSB attendees can also take advantage of **early-bird rates** this week to register for two new exciting ACEEE events: the Rural Energy Conference (October, Atlanta) and the **Conference on Health, Environment and Energy** (early December, New Orleans.) You can register on ACEEE's conference website [aceee.org/conferences](http://aceee.org/conferences).

**Energy Demand Science in a De-Carbonized Society**

Now is the time to assemble our stock of knowledge from many disciplines so as to manage energy demand and greatly reduce carbon emissions. We will discuss methods to synthesize this stock of knowledge and to create a "Demand Science." We will tackle this issue from both Japanese and American perspectives in order highlight how knowledge stock differs across two nations.

Monday 2 pm

Location: **Heather**

**Leave a legacy with ACEEE**

Asilomar holds special importance for ACEEE and the energy efficiency community. It is a place where we have come to learn, network, and innovate for more than 30 years. It is a place where new ideas and approaches have been born and many partnerships and friendships have flourished. This beautiful place embodies our community's long legacy of accomplishments and the promise the future holds, even in these challenging times. That is why ACEEE decided to name its planned giving program the Asilomar Society.

ACEEE created the Asilomar Society four years ago as a vehicle for long-time friends and partners to support us far into the future by making a legacy gift as part of their estate plans. We have slowly built membership, reaching a total of 15 members this year (with five joining in the last six months alone). We are delighted to recognize the following people who have joined the Asilomar Society:

- Jan Berman
- Carl Blumstein
- Liz Burke
- Neal Elliott
- Elizabeth Hale
- Geneva Jones
- John A. "Skip" Laitner
- Steve Morgan
- Glee Murray
- Steve Nadel
- Dick Ottinger
- Gene Rodrigues
- Tony Schaffhauser
- Alison Silverstein
- Steve Wiel

We are grateful to these individuals for making a legacy gift that will leave a lasting imprint on ACEEE and the energy efficiency community. Interested in learning more? Contact Liz Hale at [lhale@aceee.org](mailto:lhale@aceee.org) or 202-507-4034.

# INFORMAL SESSIONS

2-4 pm

## Cities are Saying “We are Still In” the Paris Climate Agreement

Maggie Molina, American Council for an Energy-Efficient Economy

ROOM: Fred Farr Forum

## Energy Demand Science in a Decarbonized Society

Alan Meier, Lawrence Berkeley National Laboratory

ROOM: Heather

## EIA Buildings Program Update: CBECS & RECS

Joelle Michaels, EIA/DOE

ROOM: Marlin

## Data Collection to Drive Program Equity

Marti Frank, Efficiency for Everyone

ROOM: Kiln

## Embedded M&V: What, Where and How?

Patrick Hewlett, ERS

ROOM: Nautilus

## First, Do No Harm: Exploring How the Energy Efficiency Sector Might Ensure a Commitment to Health

Sara Hayes, American Council for an Energy-Efficient Economy

ROOM: Triton

## Energy Data Analytics Geek Meetup

Ethan Goldman

ROOM: Toyon

## Strategies for Integrating Electric Vehicles into the Grid

Grace Relf, American Council for an Energy-Efficient Economy

ROOM: Acacia

4-6 pm

## Responding to Large Customer and Key Account Opt-Out Pressure

Ellen Zuckerman, Schlegel & Associates

ROOM: Kiln

## Putting Building Energy Performance Data to Work

Erin Beddingfield, Institute for Market Transformation

ROOM: Fred Farr Forum

## Leveraging Community Engagement for Maximum Energy Efficiency Impact

Lauren Casentini, Resource Innovations

ROOM: Heather

## Energy Efficient Cannabis: Next Steps for Research, Policy, and Programs

Derek Smith, Resource Innovation Inst.

ROOM: Toyon

## Engaging Existing Buildings: Creating a No Regrets Strategy for Broad and Deep Retrofits

Cathy Higgins, New Buildings Institute

ROOM: Acacia

## Minimum Energy Performance Standards (MEPS) Enforcement Differences between the USA and EU

Teemu Hartikainen, Finnish Safety and Chemicals Agency (Tukes)

ROOM: Evergreen

## Climate-based IRP: The Next Wave of Energy Management

Harvey Michaels, Massachusetts Institute of Technology

ROOM: Chapel

## Lifetime Energy Savings: Chasing the Measure Life Trail

Rachel Gold, American Council for an Energy-Efficient Economy

ROOM: Scripps

## The Paris Agreement 1.5 C Target and the Role of Energy Efficiency: Which Policies are Needed to Get There?

Paolo Bertoldi, European Commission

ROOM: Nautilus



## Sunday at Asilomar

Time to meet old friends and make new ones.

## We Can Do Better, continued

we will cover a wide range of topics that help articulate efficiency's connection to environmental justice, public health, and prosperity. The sessions will showcase best practices for including everyone in the clean energy transition. Please join us on Thursday afternoon for an informal session on what we may have missed and where we go next. We will use this time to discuss major takeaways from the panel and areas for improvement. In addition to reflecting on equity-driven models for energy efficiency, we will also discuss opportunities and challenges for making the field itself more diverse and inclusive.

**Lauren Ross**, *Director, Legal Policy, ACEEE*

## 1.5°C

The Paris Agreement 1.5 C target requires carbon neutrality by mid-century. In addition, the GHG emissions must peak as soon as possible, otherwise after 2050 there is the need for extensive carbon removal technologies. 2030 GHG emissions under current NDCs are not compatible with 1.5C pathways. Energy Efficiency can dramatically reduce global energy consumption in a short time span and at lower cost than other technologies. But new policies and measures, at a global level, will be needed to tap efficiency's potential.

The informal session will discuss the role of energy efficiency in decarbonization pathways and the needed policies. Contact Paolo Bertoldi for details. Paolo.Bertoldi@ec.europa.eu

***The Grapevine is printed offsite & kindly delivered to you each morning by bicycle.***

***Thanks, Steve Greenberg!***



the grapevine

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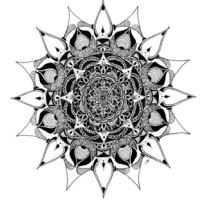
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Leslie Jackson, Production

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**Treat yourself to a relaxing massage! Kathy Sinnott returns to Summer Study to continue the tradition of offering rejuvenating massages throughout the week. The Massage Room is located in the Oak Knoll 2nd floor living room.**

**Rates are \$60 for 30 minutes, \$100 for 60 minutes, and \$130 for 90 minutes. Call/text Kathy to schedule your appointment: (831) 246-0769.**



### Summer Study Evaluation Form

*Before you leave, remember to complete an evaluation form for a chance to win an iPad Mini! The form is available in the ACEEE Office in Surf & Sand, online through Survey Monkey ([surveymonkey.com/SummerStudy2018](http://surveymonkey.com/SummerStudy2018)), or via link in the mobile app.*

*Return the hard copy form to the office in Surf & Sand.*

*Your thoughts and suggestions are extremely important to us and will help in the planning of future Summer Studies.*



### 40th Anniversary Video Booth

***Help us celebrate ACEEE's upcoming 40th anniversary by telling your story on camera. We want to know why you got involved in energy efficiency and where you see the field going over the next 40 years. Come to Surf n' Sand during your lunch break (12:00-1:30) on Monday, Tuesday, or Wednesday.***

