



August 2020 Newsletter

Hello friend,

As we trudge through the dog days of summer, I want to share highlights of work here at ACEEE and by our community partners. We've been looking at how energy efficiency can simultaneously help revive the COVID-weakened economy and address climate change. Our latest research analyzes how electrification can decarbonize industry, state freight planning can save energy, and health-focused funding can expand efficiency programs.

Thanks to all who attended last month's Hot Water Forum, our first virtual conference. This month, we're really excited to host the 21st biennial [Summer Study on Energy Efficiency in Buildings](#). Because of our virtual format, we can safely bring this popular event to you at half the in-person registration rate. Only registered attendees will have access to the more than 400 Summer Study papers along with the plenaries, interactive sessions, and networking opportunities. We offer a sneak peek with a free [webinar](#) tomorrow (August 4th) on building retrofits. We hope to see you there. Stay safe and keep in touch!

Best,

Steven Nadel
Executive Director

Highlights



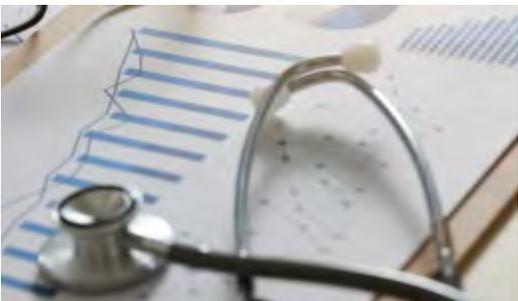
How electrifying industry can fight climate change

Beneficial electrification stands out as one of the best ways to decarbonize industry, but a new [ACEEE report](#) shows that rapid scaling will require considerable investment in R&D, clean power sources, and energy storage.



Congress, states can enable carbon emissions cuts from freight with better planning

Freight transport is responsible for a large—and rising—share of U.S. greenhouse gas emissions. We need a freight network that is more efficient.



How health-focused funding can expand efficiency

Home weatherization can improve people's health, yet efficiency programs operate nearly in isolation from public health efforts. A [new ACEEE report](#) shows how efficiency programs can leverage federal funding focused on health.



Electric truck fleets will need a lot of power, and utilities need to plan for it

As more electric buses and trucks enter the market, future fleets will require a lot of electricity for charging.



Utility regulators can use efficiency to confront the COVID-19 recession and climate crisis

The United States is facing two simultaneous and unprecedented crises: COVID-19 and climate change. State energy efficiency policies are important tools for addressing both of those crises.



Three steps federal agencies can take toward a better climate

We need bold legislation to slash greenhouse gas emissions and protect vulnerable communities. Federal agencies can do a lot to address climate change under existing law



Efficiency appears prominently in new climate plans

Energy efficiency appears prominently in recent proposals to address climate change, underscoring its ability to deliver dramatic cuts in greenhouse gas emissions.



Weatherization: Big potential for low-income homes

As the summer heat increases home cooling needs and energy bills for many families, the Department of Energy's Weatherization Assistance Program ([WAP](#)) can cut costs, but it remains dramatically underfunded.



Thin triple-pane windows brighten U.S. market: Summer Study author describes how

"Windows are how we connect to the outdoors," says [Robert Hart](#), principal scientific engineering associate at the Lawrence Berkeley National Laboratory. Yet, he says, windows typically used today are the "poorest thermally performing part" of the building envelope.

ACEEE in the news

Our **energy burden report** was cited in The [Boston Globe](#) and [Chattanooga Times Free Press](#), and in blogs from [Energy Trust of Oregon](#), the [Energy and Policy Institute](#), and [MoneyCrashers.com](#).

Our **report on mandatory building performance standards** was covered by [U.S. News & World Report](#), [E&E Energywire](#) (also [Climatewire](#)), and [Smart Cities Dive](#) (also [Utility Dive](#)).

Our scorecards were cited in [Blue Virginia](#) (State Scorecard), [BloombergNEF](#) (State Scorecard), [Oilprice.com](#) (City Scorecard), [Oil Change International](#) (Utility Scorecard), Tampa, FL's [Bay News 9](#) (State Scorecard), and [RTO Insider](#) (State Scorecard).

Utilities Program director Rachel Gold was quoted in [E&E Energywire](#) and Buildings Program director Jen Amann in another [E&E Energywire](#) article.

Also: [Microsoft Azure](#) cited ACEEE on potential energy savings; [PV Magazine](#) and [Green Building & Design](#) cited ACEEE on racial inequities in energy.

Upcoming Events



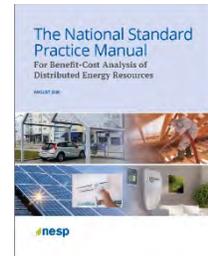
Summer Study on Energy Efficiency in Buildings Virtual

August 17-21, 2020

Our biennial SSB will explore energy-efficient building (retrofits and net-zero construction), market transformation, smart grid, utilities of the future, resilient communities, energy behavior, equity issues, technologies, and U.S. policy.

Community News

The newly published **National Standard Practice Manual for Benefit-Cost Analysis of Distributed Energy Resources (NSPM for DERs)** provides a comprehensive framework and supporting concepts and guidance for sound, consistent, balanced benefit-cost analysis (BCA) of DERs, including energy efficiency. Learn more about the NSPM for DERs by [registering for this webinar](#) hosted by Lawrence Berkeley National Laboratory (August 27, 1:00-2:30pm ET).



USGBC announces **LEED Homes Awards**, recognizing single-family, multifamily, and affordable projects that are leading when it comes to designing healthy, energy-efficient homes.



Submit to be a presenter at the next **USGBC Equity Summit** this fall. Proposals are being accepted through Aug. 10. Read the [report on the first Summit](#) and join sustainability leaders for the next conversation.

Upcoming NEEP Webinars:

[**Advanced M&V: From Pilots to Action**](#)



[**Smart Energy Homes and Buildings 2020: Evolving Homes and Buildings to Keep up with the Evolving Grid**](#)

Upcoming Virtual Events from EEA:

[**Industry Forum on Energy Efficiency**](#)

Sept. 10 – Oct. 2 | Open for registration

[**EE Policy conference from KEEA & EEA-NJ**](#)

Nov. 16 – 20 | Call for presenters



Team Zero is embarking on its fifth annual Zero Energy Residential Buildings Inventory in the U.S. and Canada. To help make it as comprehensive as possible, please add information about your project to the secure [Team Zero Inventory Database](#).



Staff Spotlight

We are pleased to welcome **Kanchan Swaroop**, the new technical advocacy associate for the Appliance Standards Awareness Project (ASAP). Kanchan graduated from the University of Michigan in the Spring of 2020 with an MS in Environment and Sustainability and an MSE in



Environmental Engineering.

Carla Phillips joins as ACEEE's new human resources manager. She brings a strong background in working for policy, pension and healthcare nonprofits. Carla holds a master of science in human resources management from the University of Maryland Global Campus and a bachelor of science in business administration from Elon University.



Carolyn Tolentino joins us as our new Roger Arliner Young (RAY) Clean Energy Fellow.

We're Hiring!

ACEEE is looking for a new **Senior Director for Research** to oversee research on [a range of topic areas](#) including buildings, industry, transportation, behavior, health, and more. Visit [our website](#) to learn more and apply.



[Save energy, save the planet, support ACEEE today with a tax-deductible contribution!](#)

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