

TURNING AMBITION INTO ACTION



# Annual Report 2022

# A Message From **ACEEE Leadership**

ACEEE is implementing energy efficiency solutions, advocating for policy changes, and collaborating to increase energy equity to fight against climate change.

As the climate crisis intensifies, extreme weather increasingly threatens our health, safety, and economic well-being. Together we are racing against time to cut costly energy waste and needless emissions to build a more sustainable and just future.

ACEEE is moving with urgency to put energy efficiency solutions into action and ensure an innovative energy transformation that leaves no one behind. Our research and advocacy enabled significant progress in 2022, and the next few years will be critical to implementing recent policy effectively and building on our momentum.

We helped shape the largest investments in energy efficiency in history. Far more is still needed, but the Inflation Reduction Act puts us on a better path to avoid the worst outcomes of climate change. The \$369 billion climate package within the bill includes tens of billions of dollars for efficiency and electrification that promise to kick-start the growth of most of the key measures identified in ACEEE's Call to Action: electric vehicles, heat pumps, zero-energy buildings, industrial decarbonization, and more.

We also led campaigns for new and more robust efficiency standards for appliances, vehicles, and manufactured housing. These standards, including many that will be finalized in 2023, will save households money and ensure that manufacturers use energy-saving technol-



STEVEN NADEL, EXECUTIVE DIRECTOR, AND  
PENNI MCLEAN-CONNER, BOARD OF DIRECTORS' CHAIR

ogies from their top-performing products in all models. A proposed gas furnace standard alone would save the average household about \$500 over the lifetime of the furnace and eliminate 373 million metric tons of carbon dioxide over 30 years of sales.

We collaborated with local governments and community-based organizations to increase energy equity. We selected five local entities working to protect affordable rental housing while improving energy efficiency in their communities and provided them with technical guidance and resources. We launched Residential Retrofits for Energy Equity with partner organizations, a major nationwide initiative to jumpstart energy upgrades for affordable housing, especially in frontline communities.

We are a stronger team than ever. Our staff grew to 73 people in 2022, and we are prioritizing diversity, equity, and inclusion in internal decision-making and our research and policy efforts. ACEEE scorecards—long-time drivers of clean energy actions by states, cities, and utilities—will now include more and better equity-related metrics.

We are pleased to share these accomplishments—made possible through your support—in the following pages. These next few years will be decisive in the fight against climate change, and your partnership is vital. Thank you!

*Steven M. Nadel*      *Penni McLean-Conner*

## **Federal Policy**

from Proposals to Implementation

ACEEE advocacy contributed to the largest-ever federal investments in energy efficiency.

The Inflation Reduction Act, adopted by Congress last summer, contains more than \$300 billion in clean energy investments, including tens of billions of dollars for energy efficiency. These investments touch every major sector, including transportation, industry, and buildings.

ACEEE played an instrumental role in developing and advocating for the law's energy efficiency provisions. Our advocacy helped secure funding for rebates and grants to support home retrofits and efficient electric equipment, with much of the funding for low- and moderate-income households. We helped redesign several tax incentives to boost building efficiency, including adding incentives for "zero-energy ready" buildings. An ACEEE policy proposal helped inspire the creation of a \$6 billion program to spur decarbonization of American industry. And our work contributed to funding for electric trucks and buses and a new Neighborhood Access and Equity grant program.

We worked with allies and federal agencies to ensure effective implementation, especially for disadvantaged communities. While far more investment is still needed to address the climate crisis, the Inflation Reduction Act, in combination with 2021's bipartisan infrastructure law and other recent legislation, puts us on a much better path.

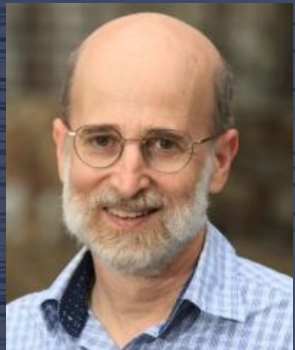
### **Q&A with Lowell Ungar,** Director of Federal Policy

**How is ACEEE helping ensure that the Inflation Reduction Act and other recent federal investments in energy efficiency are implemented effectively?**

This is a huge challenge and opportunity. ACEEE is working with federal agencies, stakeholder groups, and potential grant recipients to prioritize high-impact, equitable investments in affordable housing, industrial decarbonization, and electric trucks and buses. ACEEE brings expertise that cuts across subject areas, such as building retrofit measures and utility programs, along with extensive networks. For example, our Residential Retrofits for Energy Equity initiative is helping hundreds of local governments and community groups prepare to braid funding sources to improve affordable housing.

**What will successful implementation look like?**

The agencies need to balance maximizing the transformational impact in addressing climate change with getting funding out the door and easing administration. And they need to follow the law and prevent fraud. Successful implementation will spur green industries throughout the country and economy: diverse contractors skilled at whole-home energy and electrification retrofits, cost-effective zero-energy homes and commercial buildings, full-scale demonstrations of technologies that can decarbonize key industries such as steel and cement, zero-emissions trucks, and programs that improve mobility while reducing transportation carbon emissions.





## What **energy efficiency** and **electrification investments** are in the **Inflation Reduction Act**?

### Transportation

- ▶ A new tax credit and additional funding for electric trucks and buses, which lag behind electric cars and SUVs in deployment. The law also includes a new \$4,000 credit for purchasing used electric cars and SUVs, and it revives the \$7,500 credit for new electric vehicles, which had been slowly expiring.
- ▶ \$3 billion for a new Neighborhood Access and Equity grant program supporting projects that improve walkability, reduce vehicle pollution, and help residents use affordable transportation to access essential services and green spaces, especially in disadvantaged and underserved communities.

### Industry

- ▶ \$6 billion for the Advanced Industrial Facilities Deployment Program, which will provide grants and loans to companies that deploy innovative decarbonization technologies.
- ▶ \$10 billion in tax credits for transformative investments in manufacturing facilities. The law also expands the credit to cover equipping an industrial plant to reduce GHG emissions by at least 20% (among other uses).
- ▶ A new tax incentive for clean hydrogen and an expanded one for carbon capture.
- ▶ More than \$4 billion to label and buy low-embodied-carbon building and transportation materials.

### Buildings

- ▶ \$9 billion for states to issue rebates to homeowners for whole-home retrofits and efficient heat pumps, heat pump water heaters, and other electrical equipment

(and training and education for contractors). A substantial share of these funds will be for low- and moderate-income households, and the law provides \$1 billion more for loans and grants for upgrades to subsidized apartments.

- ▶ Expanded tax credits for heat pumps and other home improvements such as insulation. The law also increased the tax deduction for commercial building retrofits and modified the criteria to receive it.
- ▶ Tax incentives for building highly efficient new homes and commercial buildings also get a considerable boost, including extra incentives for “zero-energy-ready” homes and buildings.
- ▶ \$1 billion in additional aid to help states and cities adopt and implement strong building energy codes—one-third for jurisdictions adopting up-to-date model codes and two-thirds for those adopting codes to require zero-net-energy buildings.

### Other

- ▶ \$27 billion for a GHG reduction fund, with a majority of funds for green banks and other nonprofits and most of those funds designated for low-income and disadvantaged communities. \$3 billion in grants and assistance for environmental and climate justice work by community-based organizations and \$5 billion in climate pollution reduction grants to cities and states. The bill also increases the lending authority at DOE’s Loan Programs Office by \$40 billion for large energy projects that reduce GHG emissions.
- ▶ \$2 billion to support rural renewable energy systems and energy efficiency improvements through the Rural Energy for America Program.

# Transforming Transportation

Vehicle electrification and efficiency, increased access to car-free modes of passenger transportation, and efficient goods movement systems must go together to avoid the worst outcomes of climate change. From informing federal tax credits and standards to guiding local communities, ACEEE expertise helped maximize each.

The transportation sector is the largest contributor to climate pollution in the United States and is a significant source of other unhealthy particulates. Electric vehicles and a transportation system that provides convenient and efficient alternatives to cars and trucks are vital to cutting these emissions.

Heavy-duty vehicles, such as commercial trucks and buses, which emit about one-fourth of all transportation emissions, present a significant opportunity to cut carbon pollution. ACEEE worked closely with transportation electrification champions on Capitol Hill to support the Inflation Reduction Act’s new \$40,000 tax credit for heavy-duty electric vehicles, which will complement similar credits for electric cars. We also advocated for strong standards for heavy-duty vehicles, testifying before the Environmental Protection Agency to ensure that the federal government adopts the maximum feasible standards that support rapid electrification and that the efficiency of diesel vehicles continues to improve.

Electric vehicle carsharing targeted at low-income households could help address the transportation needs of these households and reduce emissions. ACEEE delivered a report to the Environmental Protection Agency on how behavioral science can help increase participation in such programs.

Increasing the use of electric vehicles is a crucial step to mitigate climate change, but more is needed. For both passenger and freight



movement, ACEEE urged governments to think holistically about building more-efficient transportation systems that are less reliant on vehicles. We provided recommendations to the U.S. Department of Transportation on strengthening its proposal for states to track transportation greenhouse gas emissions and set declining targets.

# Jumpstarting Industrial Decarbonization

The industrial sector is complex and challenging to decarbonize. By developing recommendations, shaping policy, and building partnerships, ACEEE charted the path forward.

Cutting industrial emissions is vital not only to slowing the rate of climate change but also to reducing costs, boosting U.S. competitiveness, and protecting and growing the United States' 20 million industry jobs. It's a significant undertaking that will require transforming the goods we make and how we make them.

To jumpstart progress, the United States first needed an agenda. ACEEE collaborated with the National Renewable Energy Laboratory to develop DOE's *Industrial Decarbonization Roadmap*, which will help guide DOE's industrial decarbonization efforts, including implementing the Inflation Reduction Act and the 2021 infrastructure law. The roadmap makes recommendations to accelerate the development and deployment of low- and no-carbon technology solutions. We also collaborated with the U.S. Climate Alliance to develop the *State Policy Guidebook to Enable Industrial Decarbonization*.

Our advocacy helped address the challenge of deploying innovative technologies at scale. There are many innovative ideas to cut industrial emissions, but the technologies seldom reach commercial scale because companies often consider the investment too financially risky. To tackle this problem, ACEEE proposed that the federal government provide funding to support the first three production-scale installations of new technologies selected for their ability to

## Q&A with Pavitra Srinivasan, Senior Researcher

**What's one recent innovation that will help decarbonize industry that you are particularly excited about?**

We might be on the cusp of huge progress in decarbonizing cement.

Cement production contributes almost 8% of global greenhouse gas emissions, almost all of which comes from producing just one ingredient. Substituting alternative materials, like calcined clays, into the mix produces lower-carbon cements. What's more, these cements require much lower kiln temperatures than traditional cement, reducing emissions further by saving energy and creating an opportunity to electrify the kilns.

**How is ACEEE helping push cement decarbonization forward?**

We are working with cement companies to advance the development of facilities that can produce these low-carbon cements. Funding from the Inflation Reduction Act can help support pilots and demonstration projects, and ACEEE is positioning itself to be a key partner and champion of such projects and contribute to market transformation.

decarbonize industrial processes. Our "first three" plan helped shape DOE's Advanced Industrial Facilities Deployment Program, established by the Inflation Reduction Act to provide nearly \$6 billion in grants and loans to companies that deploy innovative decarbonization technologies. We have provided continued input to DOE to ensure productive implementation.



# Improving Our Buildings

Making our homes and commercial buildings more energy efficient lowers utility bills and planet-warming emissions and creates healthier, more comfortable places for us to live and work. ACEEE worked to accelerate the transition to better buildings and ensure nobody gets left behind.

Constructing new buildings to be energy efficient and retrofitting existing ones is a major focus of the Inflation Reduction Act. Our advocacy helped secure funding for rebates and grants to support home retrofits and efficient electric equipment, including doubling a proposed whole-home retrofit rebate for low- and moderate-income households, design of rebates for efficient home electrification, and funds for federally assisted multifamily housing. We also helped redesign several tax incentives to boost building efficiency, including by adding incentives for "zero-energy ready" buildings.

Following a multiyear ACEEE research and advocacy campaign, the Department of Energy (DOE) issued its first standards for manufactured homes (also known as mobile homes). Manufactured homes are a critical type of affordable housing; most households who live in them have incomes under two times the federal poverty level. But the homes often waste enormous amounts of energy because of limited insulation and outdated windows and heating equipment. As a result, energy costs are about 70% more per square foot in these homes compared to site-built homes, and a quarter of their residents spend more than 10% of their income on energy costs. The new standards could save consumers more than \$5 billion and reduce carbon dioxide emissions by more than 80 million metric tons over 30 years, according to DOE.



## Launch of Residential Retrofits for Energy Equity

In December 2022, ACEEE and partner organizations Elevate, Emerald Cities Collaborative, and HR&A Advisors (along with People's Climate Innovation Center in an advisory role) launched a major nationwide initiative to support disadvantaged communities too often left out of climate and other investments in developing energy-saving home retrofit strategies. The multiyear, multimillion-dollar Residential Retrofits for Energy Equity (R2E2) initiative provides training to state, local, and tribal governments as well as community-based organizations to jumpstart energy upgrades for affordable housing that will lower utility bills, reduce greenhouse gas emissions, improve residents' health, create good-paying local jobs, and help advance racial equity.

R2E2 centers environmental justice and racial equity to address the compounding crises of housing affordability, energy insecurity, and climate change. Energy insecurity is particularly acute in Native American, Black, and Hispanic households, which spend more of their incomes on energy bills than white households but are among the least likely to receive energy upgrades. R2E2 encourages state, local, and community teams to prioritize authentic engagement with underserved communities, support community priorities and leaders, advance local workforce development, and target programs to those historically excluded from previous policies.



# Raising the Standards

We envision a world where all people have access to the efficient, affordable appliances, lighting, and equipment they need to live safely and comfortably without contributing to climate change. We helped secure strengthened standards that will make progress toward that goal.

Despite significant progress on appliance efficiency, many products still waste far too much energy.

The Appliance Standards Awareness Project (ASAP), which is housed at ACEEE, led a campaign for stronger standards that increased pressure on the Biden administration from members of Congress and from media coverage. President Biden and Secretary Granholm then publicly committed to taking 100 actions in 2022 to advance new standards to save consumers \$100 annually on their utility bills.

A string of federal actions followed. DOE undid the prior administration's rollback of light bulb standards and finally implemented a 2007 law requiring that bulbs produce at least 45 lumens per watt—a standard easily met by LEDs. Energy-wasting incandescent bulbs will no longer be sold in stores as of July 2023. In June, DOE proposed new gas furnace standards that would save the average household about \$500 over the life of a furnace and eliminate 373 million metric tons of carbon dioxide over 30 years of sales. ASAP organized strong support for these furnace standards from a wide range of voices in the face of organized opposition. DOE also proposed strong standards for room air conditioners, pool pump motors, commercial water heaters, and clothes dryers that generally reflected our recommendations. We set the stage for even more progress in 2023 for about 40 standards.

## Q&A with Madeline Parker, Outreach and Coalition-Building Associate, ASAP

### How do you approach people about supporting stronger appliance standards?

The best approach I've found is to emphasize both the economic and environmental benefits of strong standards. It's important to demonstrate that there are real-world, positive, tangible impacts for consumers and the planet: reduced energy burden and lower utility bills; fewer greenhouse gas emissions; and even direct health benefits.

### What's coming up next?

We are in a critical time for federal appliance and equipment standards. If the Biden administration completes the dozens of standards it is working on, there will be incredible environmental and economic benefits. The Department of Energy estimates the standards would reduce greenhouse gas emissions by more than 2.4 billion metric tons and save consumers \$570 billion cumulatively over 30 years.



ASAP also helped states set new efficiency standards and launched a new campaign to phase out fluorescent lights because of their mercury content. New York enacted a new law directing agency adoption of new standards for dozens of products and granting broad agency authority for setting standards. Washington State adopted nation-leading air purifier standards; New Jersey and Maryland adopted ASAP's recommended package of state standards.

# Energy Equity for Renters

Rental homes tend to be less energy efficient than owner-occupied homes, and renters spend a higher percentage of their income on energy costs than homeowners do. ACEEE supported local efforts nationwide to reduce energy waste in rental housing.

Renters spend a lot on energy costs. Nearly one-third have high energy burdens, spending more than 6% of their income on energy bills. Yet for the more than one in three U.S. households that rent their homes, making energy-saving improvements may be difficult or even prohibited.

ACEEE's Energy Equity for Renters initiative is helping reduce energy waste in rental housing. In 2022, we provided guidance and shared best and emerging practices with five local entities—Cambridge, Massachusetts; Duluth, Minnesota; Portland, Oregon; Tacoma, Washington; and the Bay Area Regional Energy Network—to address the dual crises of climate change and insufficient affordable housing.

Our collaborations with these communities led us to develop our Energy Equity for Renters Toolkit. Available in English, Spanish, and Vietnamese, the toolkit provides case studies and best practices on how local governments can integrate energy efficiency and policies to prevent housing displacement, fund energy efficiency retrofits in rental housing, conduct an energy efficiency marketing and educational campaign aimed at rental properties, and ensure that policies and programs are implemented equitably.



## Empowering Renters through Energy Efficiency Labels on Rental Listings

In the United States, renters searching for homes almost never know the energy costs they will have to pay in their new residences. An ACEEE report found that prospective renters are more likely to select more-efficient homes when rental listings include energy labels. The report, based on a behavioral science-informed experiment we conducted, also shared insights into the types of labels that are most effective and how much more renters are willing to pay in rent for efficiency improvements. Our advocacy efforts based on this research helped Minneapolis better implement and maximize the benefits of a policy it had in place to mandate energy disclosure by landlords to renters. Our efforts also led California State Senator Bob Wieckowski (D) to introduce a rental energy disclosure bill.



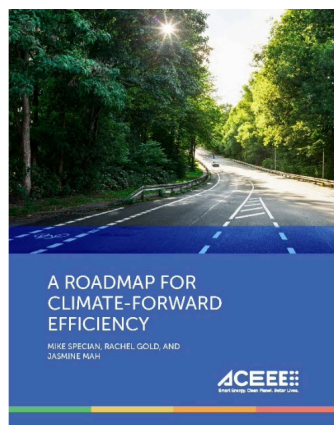
# Climate-Forward Efficiency

Utility energy efficiency programs have a strong record of saving energy and money, but most aren't yet doing enough to respond to the climate crisis. ACEEE showed how the utility sector can update these programs to better meet climate, affordability, and equity challenges.

Amid a rapid rise in renewable power generation and growing recognition of the importance of ensuring an equitable clean energy transition, it's time for utilities to rethink and restructure their efficiency efforts. ACEEE's Climate-Forward Efficiency initiative is helping utilities scale these programs up and focus them on doing their vital part to reduce greenhouse gas emissions.

In 2022, we published *A Roadmap for Climate-Forward Efficiency*, a guide for utilities and regulators looking to re-engineer their efficiency programs, pricing, and procurement. The report identifies 31 actions to align efficiency efforts with deep decarbonization goals and

provides examples that can be adapted to serve utilities' unique needs. We also provided technical assistance to facilitate the transformation.



## Q&A with Edward Yim, State and Utility Policy Director

**Aren't energy efficiency programs already helping address the climate crisis? Why do they need to change?**

By reducing energy waste, these programs cut greenhouse gas emissions and help lower households' energy bills. But more is needed to prevent the worst outcomes of climate change. According to the Intergovernmental Panel on Climate Change and the International Energy Agency, to have a chance at achieving the climate goals of the 2015 Paris Agreement, the rate of global energy efficiency improvements must increase by a factor of three, and global spending on energy efficiency also must increase by a similar factor. This increase in energy efficiency is critical to reduce the total amount of energy supply and delivery infrastructure that must be decarbonized and built, which is otherwise extraordinarily high. So not only will energy efficiency programs need to evolve, but they will also need to be drastically ramped up, which will likely require transforming the way that these programs are funded, designed, scaled, and implemented. Our report *A Roadmap for Climate-Forward Efficiency* lays out how this effort could begin.



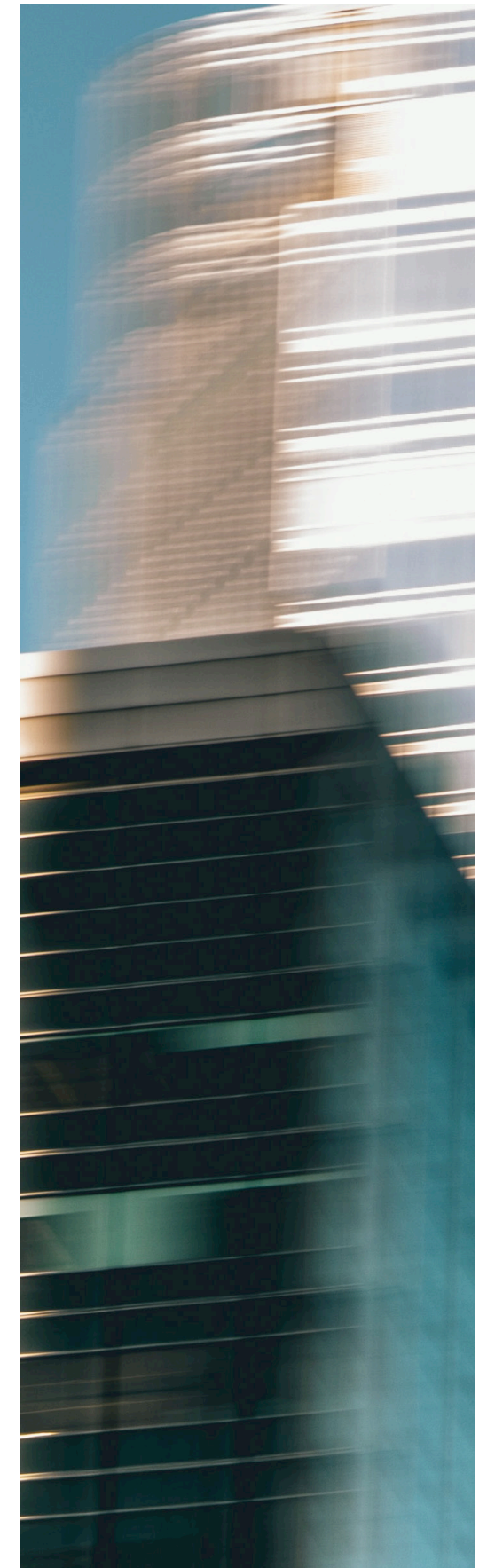
# Advancing Equity

ACEEE is committed to advancing equity in our work, relationships, and organizational culture. We are dedicated to addressing past harms and recognizing and eradicating the systems, policies, and behaviors that perpetuate racism, inequities, and discriminatory practices at ACEEE and in U.S. energy systems broadly.

Through our Leading with Equity initiative, ACEEE convened community-based organizations and advocates to develop a shared vision for equitable decarbonization and worked to ensure that ACEEE's research and policy efforts help realize that vision. The initiative focused on developing more and better equity-related metrics for our scorecards, which benchmark and drive clean energy action among states, localities, and utilities. 20% of the metrics in our 2022 State Energy Efficiency Scorecard, the first scorecard we've published since launching the Leading with Equity initiative in 2021, were related to states' equity efforts, up from 4% in the 2020 edition of the report.

Our Diversity, Equity, and Inclusion Committee worked to prioritize equity in ACEEE's research and policy work and our internal operations. And many staff members participated in our Racial Equity Learning Group, which has been meeting regularly since 2019 to discuss books, articles, and other materials examining race and racism in the United States.

We continued our partnership with the RAY Diversity Fellowship Program, bringing on our third RAY fellow in three years. The program focuses on increasing opportunities for emerging leaders of color to learn about, engage with, and enter the conservation and clean energy NGO sectors. ACEEE's first two RAY Fellows have received promotions and are full-time researchers on our staff.





# Sparking Ideas through Conferences

ACEEE carefully returned to in-person conferences, convening leaders and learners in the energy field to network, discuss innovative policies and technologies, and brainstorm solutions. We incorporated virtual sessions into our events and hosted free webinars throughout the year to reach audiences at home.

## Hot Water Forum

We virtually hosted a record-breaking 265 attendees for three days of presentations on what's next in the hot water industry, including the latest technologies, policies, and programs that shape building codes, spur workforce development, advance equity, and address climate goals.

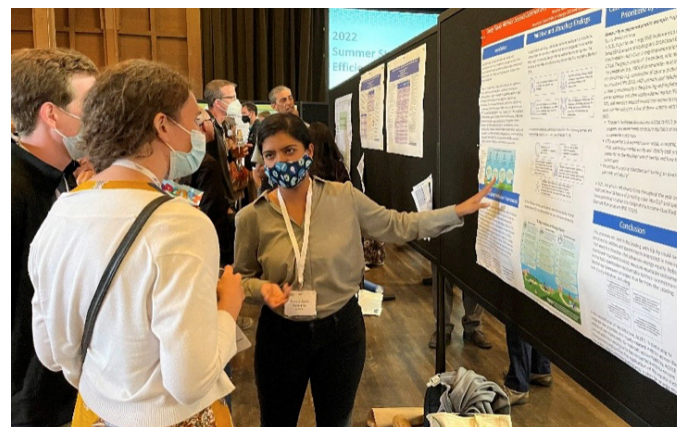
## Finance Forum

Over 150 individuals met in person to learn about financing the clean energy transformation needed to tackle the climate crisis and strengthen the economy and how to finance a rapid scaling of deep building retrofits and other energy-saving initiatives.



## International Symposium

This half-day virtual symposium spotlighted countries leading in energy efficiency, focusing on opportunities for improvement in the United States.



## Summer Study on Energy Efficiency in Buildings

More than 1,000 professionals from around the world gathered to brainstorm how best to decarbonize buildings, boost their efficiency, and advance equity. With its formal presentations of 400-plus research papers and many informal sessions, the 2022 Summer Study was the ideal forum to take on this challenge.



## Behavior, Energy & Climate Change Conference

Cohosted with U.C. Berkeley's California Institute for Energy and Environment and Stanford University's Environmental and Energy Policy Analysis Center, the Behavior, Energy & Climate Change conference explored human behavior and decision-making related to energy, climate change, and sustainability to help us accelerate the transition to a low-carbon future. To facilitate the participation of more voices, including many from around the world, a virtual opening day kicked off this year's conference, followed by the traditional in-person event.

## Energy Efficiency Policy Forum

White House climate advisor Ali Zaidi delivered a keynote speech, and we had a conversation with Senator Joe Manchin (D-WV) at the 2022 Energy Efficiency Policy Forum, which brought together more than 200 stakeholders from the federal government, industry, and the advocacy community to discuss the implementation of recent federal legislation and regulation.

*"The ACEEE Hot Water Forum was a great event! I learned more than expected from a variety of presenters. I would recommend the forum to anyone from a newcomer to the topic (like me) to an industry expert. I appreciated the forum's focus on equity as a lens across multiple sessions"*

—Gina Palino, Climate Resolve





# Thank You, Donors

ACEEE is grateful for the generous support from our many friends and supporters in 2022. Every effort was made to ensure the accuracy of this report. Unfortunately, due to space constraints, we are not able to include General Fund donors under \$100, but we are grateful for donations of all sizes.

## Climate Response Leaders (\$10,000+)

Anita and Josh Bekenstein  
Anonymous (1)

## Climate Response Champions (\$1,000–9,999)

Jan Berman	The Jewish Communal Fund	Yassen Roussev
Natalie Buike		Suzanne Shelton
Helena Chum	Vicki Kuo*	TJS Sigma Earth Foundation
Linda and Roger Easely	Penni McLean-Conner*	
Karen and Neal Elliott Fund	Stephen Morgan	Alison Silverstein and Ernest Wood Charitable Fund
EMWIGA Foundation	Gary Morrison	
William Hill	Francis J. Murray Jr.	Stephen Wiel
	Lawrence Reinhold	Anonymous (1)

## Climate Response Pace-Setters (\$500–999)

Thomas and Mary Florence Brink	Nanette Lockwood	Harriet Tregoning
Danielle Sass Byrnett	Duncan McVey	Frank N. Von Hippel
Rosa Cassidy	Peter Schwartz	James Wolf
Henry Kelly	Anna Self *	Jason Yoon
Melanie Kenderdine	Susan Stratton	Anonymous (3)

## Climate Response Advocates (\$100–499)

Corinne Abbott	Mark Johnson	Mary Ann Piette
Yaw Agyeman	Robert Johnson	Ed Quinlan
Lydia Baek	Duane Jonlin	Richard Russman
Samuel F. Baldwin	Lloyd Kass	Pb Schechter
Sharyn Barata	Alex Kellogg	Brian Sesterhenn
David Matthew Birr	Theodore Kraig, <i>in honor of Michael and Robert Kraig</i>	Robert Sheppard
Mary Bobbitt	John "Skip" Laitner, <i>in honor of Bob Ayres and Nora Efram, and in memory of Herman Daly</i>	William Thibault
Alexander Bridgeman	Leslie Loudon	Susan Vargas, <i>in honor of Annie Wirdzek</i>
Zachary Cox	Monica Martinez	Yu Wang
Benjie de la Peña	Michael Mernick	Louise O. Warner
Howard Geller	Christopher Miller	Brian Widowski
Claude Gerstle	Richard Ottinger	Anonymous (2)
Randy Gunn	Padu S. Padmanabhan	
John Byron Harvey		

## ACEEE is grateful for grants from the following foundations from January 1, 2022, to December 31, 2022

Barr Foundation  
Breakthrough Energy Foundation  
Carbon Advocacy Project  
Climate Imperative  
ClimateWorks Foundation  
E4TheFuture  
The Energy Foundation  
Energy Innovation  
The JPB Foundation  
JPMorgan Chase Foundation  
W.K. Kellogg Foundation  
The Kresge Foundation  
Merck Family Fund  
The Rockefeller Foundation  
The Tilia Fund  
United Nations Foundation  
US Climate Alliance  
Wells Fargo Foundation  
Anonymous (1)

\*Doubled by a corporate matching gift

# Scholarships & Awards

## Linda Latham Scholarship

The Linda Latham Scholarship Fund supports undergraduate and graduate students interested in careers in energy and the environment in attending ACEEE's Summer Study conferences. The scholarship was created in memory of Linda Latham, a visionary leader who helped launch the ENERGY STAR® program and served as ACEEE's chief operating officer.

## Linda Latham Scholarship Fund Donors

Naomi Baum	Duane L. Jonlin	Gene Rodrigues
Carl Blumstein	Karen and Neal Elliott Fund, <i>in memory of Dr. Robert N. and Elizabeth Elliott</i>	Maxine Savitz
Amy Boyce		Susan Stratton
Danielle Sass Byrnett		Joel Swisher
Rory Cox	Jim McMahon	Gavin Taves
Ben Evans	Jennifer McWilliams	Bing Tso
Fred Gordon	Francis J. Murray Jr.	Cameron Tuttle and Jennifer Krone*
Chris Granda	Steve Nadel	Robert Weber
James Grevatt	Clay Nesler	Jennifer West
Jim Grevatt	William Prindle	Richard Yancey
John Hayden	Ari Reeves	Dan York
Robert Jackson	Ed Rightor	
Mark Johnson		

## Harry Misuriello Award

We were pleased to welcome Gavin Taves to Summer Study 2022 as the first-ever recipient of the Harry Misuriello Award, created to provide an emerging professional with the opportunity to attend our Summer Study on Energy Efficiency in Buildings. The award was established in memory of Harry Misuriello, who led ACEEE's work to advance strong energy codes for homes and commercial buildings from 2008 to 2020. Harry was a tireless and effective champion for improving the energy efficiency of new buildings and was dedicated to attracting and supporting talented new professionals working on building energy codes.



Gavin Taves  
City of Chicago



Left to right, from top to bottom: Claudia Bustamante, Clarkson University; Ashley DePew, University of California, Davis; McKenna Dunbar, University of Richmond; Moriah Hamilton, Howard University; Jeremy Hensley, Tennessee State University; Jason Hirschey, Georgia Institute of Technology; Emily Lamon, University of California - Berkeley; Haleh Moghaddasi, Texas A&M University; Ojas Pradhan, Drexel University; Shannon Pressler, Yale University School of the Environment; Danielle Prezioso, Stevens Institute of Technology; Sheri Reid, Goddard College; Joshua Schraer, Western Washington University; Soojin Shin, University of Delaware; Julia Sullivan, University of Colorado, Denver; Sara Sultan, University of Tennessee

## Champions of Energy Efficiency

These efficiency leaders were recognized at Summer Study 2022 for their extraordinary contributions to the field.

Reid Hart, Pacific Northwest National Laboratory  
Bing Liu, Pacific Northwest National Laboratory  
Clay Nesler, The Nesler Group  
Wally Nixon, Arkansas Public Service Commission  
Lauren Salz, Sealed

## ACEEE received donations in memory of Harry Misuriello from the following people and institutions in 2022.

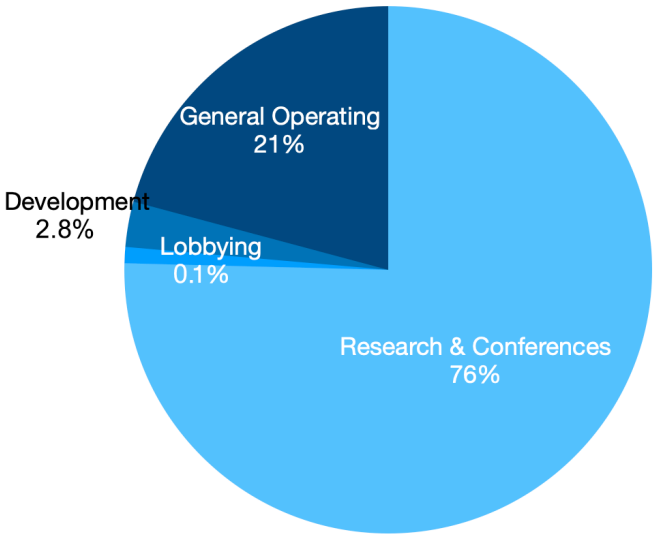
Marjorie Harellick	Arthur W. Milford
Mileva M. Hartman	Glee Murray
International Code Council	Julia Oliver
Geneva Jones	Andrew R. Prezioso
Karen and Neal Elliott Fund	Frank A. Stanonik
Eric Mackres	



# Financial Overview

In 2022, ACEEE's unrestricted revenues totaled \$11.6 million, including contributions from foundations, public agencies, utilities, corporations, nonprofit organizations, and individuals.

Total unrestricted operating expenses for the year were \$12.9 million. Expenditures for research programs and conferences accounted for 76% of these expenses. Development costs and lobbying costs were 2.8% and 0.1%, respectively, with the remaining 21% attributable to general operating costs.



ACEEE has been a steadfast advocate and a trusted source of information for my career in residential energy efficiency. Their staff is the best, and I'm glad to have them as trusted partners to bring energy efficiency into the mainstream marketplace.

**-Xavier Walter, director of outreach, Building Performance Association**

# Leadership

## Executive Team

- Steven Nadel, *Executive Director*
- Naomi Baum, *Chief Operating Officer*
- Camron Assadi, *Senior Director, Marketing and Communications*
- Nora Wang Efram, *Senior Director, Research*
- Mark Kresowik, *Senior Director, Policy*

## Board of Directors

- Sharyn Barata, *Opinion Dynamics*
- Jan Berman, *Pacific Gas & Electric Company*
- Scott Bernstein, *Founder & Emeritus President, Center for Neighborhood Technology*
- Rosa Cassidy, *Franklin Energy*
- Benjamin de la Peña, *Shared-Use Mobility Center*
- Robert Jackson, *Lawrence Technological University*
- Mark Johnson, *Clemson University*
- Melanie Kenderdine, *Energy Futures Initiative*
- Vicki Kuo, *Con Edison*
- Nanette Lockwood, *Trane Technologies*
- Monica Martinez, *Ruben Strategy Group*
- Katie McGinty, *Johnson Controls*
- Penni McLean-Conner, *Eversource Energy*
- Frank Murray, Jr., *past president of the New York State Energy Research and Development Authority*
- Mary Ann Piette, *Lawrence Berkeley National Lab*
- Danielle Sass Byrnett, *National Association of Regulatory Utility Commissioners*
- Mitchell B. Simpson, Jr., *Arkansas Energy Office*
- Suzanne Shelton, *Shelton Group*
- Susan E. Stratton, *Stratton Gilmore Group LLC*
- Harriet Tregoning, *New Urban Mobility Alliance*
- Mandy Mahoney, *Regulatory Assistance Project*

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The **American Council for an Energy-Efficient Economy** (ACEEE), a nonprofit research organization, develops policies to reduce energy waste and combat climate change. Its independent analysis advances investments, programs, and behaviors that use energy more effectively and help build an equitable clean energy future.

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