



PROVISIONS

June 2024

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Welcome to the June edition of DOE BECP Provisions, a regular publication from the U.S. Department of Energy (DOE) Building Energy Codes Program (BECP). This newsletter will keep you updated on what's happening in the world of building energy codes, including state and local code adoptions, project highlights, upcoming events, publications, and more.

BECP National Energy Codes Conference

More than 280 people representing 38 states participated in the 2024 National Energy Codes Conference (NECC) held May 6-8, 2024, in Sacramento, CA. Amazingly, 62% of registrants noted this was their first time attending the NECC!

The figures below depict the top 10 states that attendees traveled from, as well as the diverse range of professions covered at the event.



Highlights from Sacramento

Sessions:

More than 50 speakers discussed a wide range of energy code topics – from the latest in federal funding, to new decarbonization technologies in the codes, to state- and local-level programs.

Keynote:

Commissioner [Andrew McAllister](#) of the California Energy Commission provided a vision for how

energy codes contribute to achieving California's climate goals, which includes accelerating energy efficiency, building decarbonization, and grid responsiveness measures. He also highlighted how the robust code development process in California has been a major contributor to the state's success in implementing decarbonization measures.

Federal Plenary Roundtable:

DOE hosted a Federal Plenary Roundtable featuring senior leadership from across the federal government. The plenary discussion stressed the importance of resilient buildings in a rapidly changing climate, equity, and cross-governmental collaboration towards shared goals.



From left to right: Mandy Mahoney, DOE; Alexis Pelosi, U.S. Department of Housing and Urban Development; Heather Clark, White House Climate Policy Office; Carolyn Snyder, DOE; and Jean Lupinacci, U.S. Environmental Protection Agency.

Award Winners:

Building energy codes practitioners were recognized for their exemplary efforts to advance building codes and improve the lives of those around them.

[Jeffrey A. Johnson Award:](#) We were pleased to recognize Jim Meyers for more than 20 years of dedicated service to the advancement of building energy codes.

[Early Career Award:](#) Maggie Kelley Riggins won this inaugural award for her tireless work advancing equity, code compliance, and collaboration throughout the Southeast.

Visit the [2024 National Energy Codes Conference](#) website to view the session presentations.

Inflation Reduction Act (IRA) - Funding Opportunity Announcement (FOA)

The second round of the IRA [Assistance for Latest and Zero Building Energy Code Adoption](#) FOA is now open. This opportunity assists eligible entities in further decarbonizing their buildings through the adoption of the latest national model building energy codes, zero energy codes, and other codes that deliver equivalent or greater energy savings. This includes innovative approaches to decarbonize existing buildings through certain measurable and enforceable requirements.

Concept Papers for Round 2, which are required in order to be eligible to submit a Full Application, are due via Infrastructure Exchange by June 28, 2024, at 5:00 PM ET under record number [DE-RD2-0003056](#). Full Applications for Round 2 are due September 13, 2024.

Questions regarding the FOA can be submitted to IRACodes@hq.doe.gov.

RECI-FOA Project Highlights

The American Council for an Energy Efficient Economy (ACEEE) held the kick-off for the Resilient and Efficient Codes Implementation (RECI)-funded [National Energy Codes Collaborative](#) in Sacramento before the NECC.

ACEEE and its partners – the National Association of State Energy Officials (NASEO), the Urban Sustainability Directors Network (USDN), and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) – convened nearly 100 energy code leaders and key stakeholders to, among other things, discuss the collaborative's vision and opportunities for continued engagement through a variety of topic-based technical advisory groups (TAGs). Additional information about the Collaborative, its role, and key takeaways from the kick-off can be found in this [ACEEE blog post](#).

IECC 2024 Cycle Concludes

In March, following a lengthy appeals process, the International Code Council (ICC) completed the 2024 International Energy Conservation Code (IECC) code development cycle. At the conclusion of the appeals process, the ICC Board of Directors voted to remove a handful of decarbonization proposals, including EV charging infrastructure, electric storage readiness, and demand response, from the body of the energy code and place them in optional appendices.

Despite the loss of certain proposals that would help further cut greenhouse gas emissions and improve the stability of the grid, the 2024 IECC is still expected to result in energy savings for both residential and commercial buildings. The final version of the code is expected to be published soon.

For additional information on the 2024 IECC appeals and actions taken by the ICC Board of Directors, refer to this [ICC press release](#).

Research on Equity and Energy Codes

The Pacific Northwest National Laboratory (PNNL) is conducting research to understand stakeholder perceptions of factors impacting the equitable adoption, enforcement, and compliance of building energy codes in the United States. Staff will conduct interviews with diverse stakeholders and interest groups to learn how local energy code practices have impacted their communities.

Interested in participating? Provide your information through this [contact form](#).

Code Adoption

Since the last newsletter edition, two states updated their building energy codes, advancing energy efficiency and consumer savings. In the coming months, two more states will have new energy codes go into effect.

Ohio

[2021 IECC & 90.1-2019](#) (Commercial)

Effective Date: March 1, 2024

Utah

[2021 IECC](#) (Residential)

Effective Date: July 1, 2024

Vermont

[2021 IECC](#) (Residential)

[2021 IECC & 90.1-2019](#) (Commercial)

Effective Date: July 1, 2024

Washington

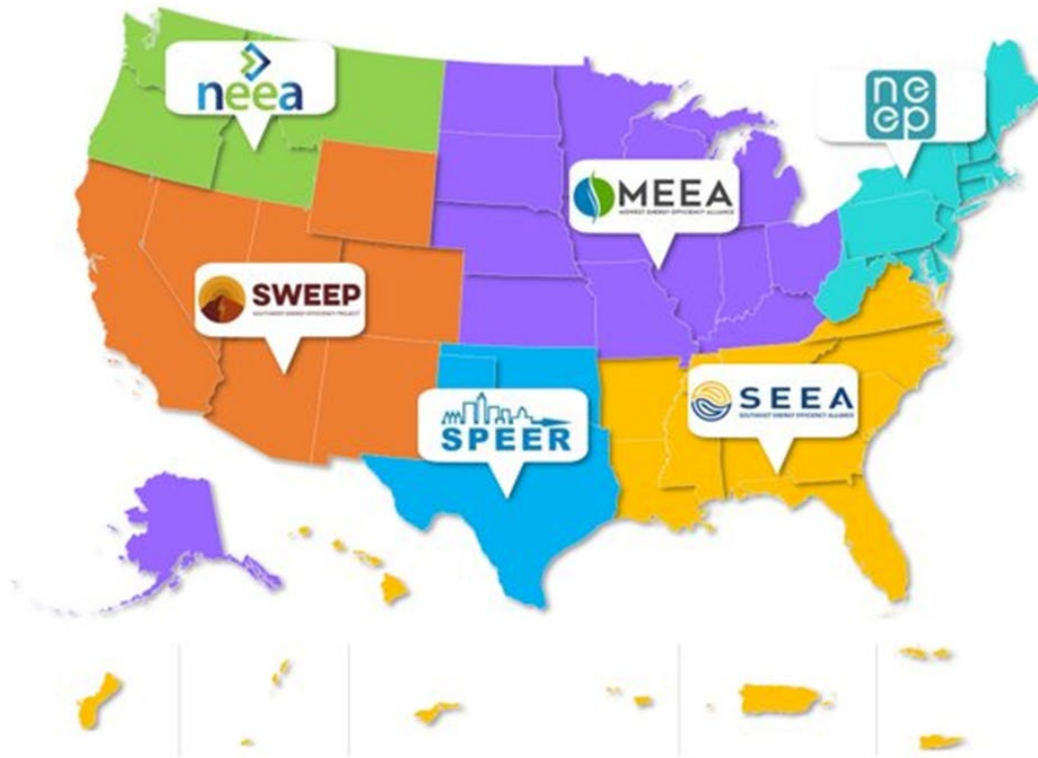
[2021 WSEC](#) (Residential)

[2021 WSEC](#) (Commercial)

Effective Date: March 15, 2024

To learn more about the status of state building energy codes across the country and to quickly find state-specific BECP resources, visit the [State Portal](#). BECP's State Portal is updated quarterly to reflect newly effective codes. The next planned update will take place on June 30, 2024.

For more information on state energy code updates, [contact](#) your Regional Energy Efficiency Organization (REEO).



BECP Energy Code Webinar Series

The 2024 BECP Energy Code Webinar Series continues with four great webinar topics. Note that we have modified the webinar registration process. In order to register for an upcoming webinar, you will need to create an account through the [BECP Resource Hub](#). Learn more about the webinars and see detailed registration instructions on the [BECP webinar webpage](#).

July 18, 2024, 1:00-2:30 p.m. ET (12 CT /11 MT /10 PT) [Register here](#)
Inclusive Energy Codes: Bridging the Gap to Achieve Equity and Environmental Justice

August 15, 2024, 1:00-2:30 pm ET (12 CT /11 MT /10 PT) [Register here](#)
Refrigerants and Codes: Understanding the Impact of Refrigerants Requirements on Building Codes and Standards on the Path to Net Zero Greenhouse Gas Emissions

September 19, 2024, 1:00-2:30 pm ET (12 CT /11 MT /10 PT) [Register here](#)
What's in the Latest Residential Model Energy Code: Preparing for the 2024 IECC

October 17, 2024, 1:00-2:30 pm ET (12 CT/11 MT/10 PT) [Register here](#)
Beyond Zero Energy: Balancing Embodied Carbon and Operational Energy Solutions to Achieve Zero Emission Buildings

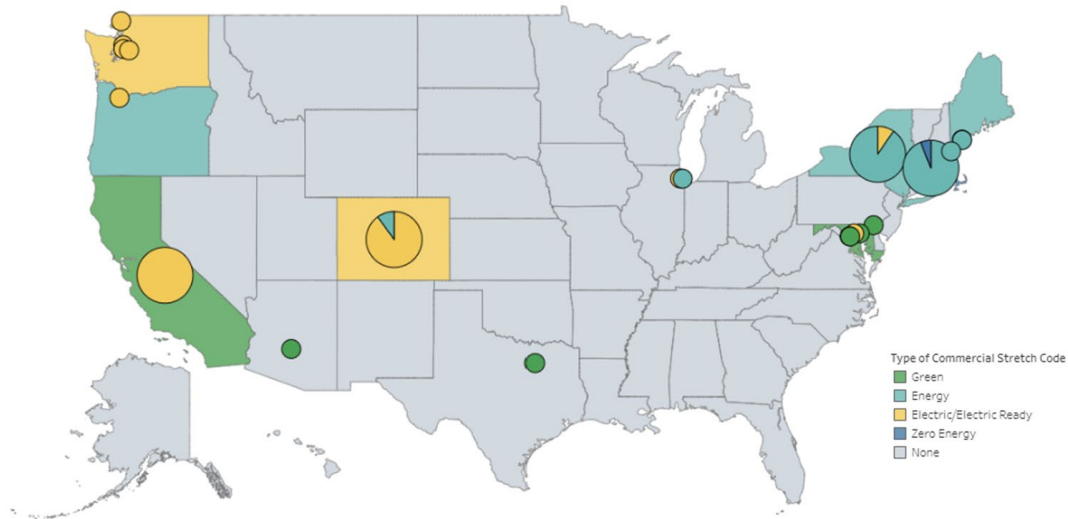
Want to suggest a webinar topic? [Share](#) your ideas with us! Missed a webinar? You can view them on demand in the new [BECP Resource Hub](#).

Publications and Resources

New Maps

The BECP website contains several maps and graphics showing various aspects of building energy codes and policies across the country. The most recent addition includes a set of maps that shows residential and commercial stretch codes adopted at the state and local level. Explore the [interactive maps](#) to see where stretch codes have been adopted, what types of stretch codes are in effect, and to access the codes directly.

State and Local Commercial Stretch Code



Updated Website Navigation

Have you noticed that the navigation has changed for www.energycodes.gov? Based on stakeholder feedback received during an outreach effort last fall, the revised navigation helps improve the user's experience. We anticipate some continued tweaks and would love to hear your thoughts. Please email becp@pnnl.gov with any feedback.

Case Studies and Fact Sheet on the Intersection of Resilience and Codes

Building on the “Community Energy Resilience Planning for Extended Power Outages” guide released in 2023, BECP released a supplemental report and set of six case studies in April 2024. These resources serve as a companion to the guide and present detailed case studies of communities leading the way in climate resilience planning. Communities are highlighted for their climate mitigation actions including updating building codes and existing building policies, as well as other strategies around improving biodiversity and increasing flood management infrastructure. The authors engaged communities of varying sizes and in diverse geographic locations with different climate hazards to ensure a representative sample of leaders in the resilience planning space.

In addition, a newly released fact sheet provides communities and building stakeholders with an overview of the relationship between building energy codes and resilience.

Both resources are available [here](#).

BECP Technical Assistance and Training Opportunities

Building Energy Codes Questions? Technical Assistance Has You Covered

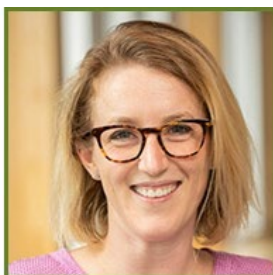
The BECP recently increased technical assistance (TA) resources to better support states and local jurisdictions in adopting and implementing building energy codes. Working with the six Regional Energy Efficiency Organizations (REEOs) across the country, there is a TA expert (shown below) assigned as a [point-of-contact for each region](#).

The DOE TA Program is responsive to a variety of requests including technical code questions, REScheck and COMcheck support, state or local code impact analyses, code compliance assessments, and tailored training and education resources. Depending on your needs, our experts will help you directly, drawing on the analytical resources of PNNL, or connect you to a network of technical experts across the country.

To request technical assistance, visit the [BECP Help Desk](#), choose Technical Support and, under Technical Support Type, select Formal Technical Assistance. [Or, e-mail the appropriate PNNL Regional Rep directly.](#)



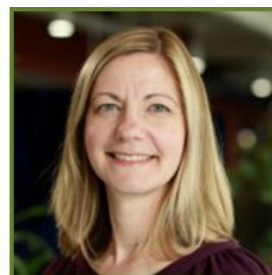
Mike Turns



Kim Cheslak



Mark Lyles



Paula Zimin

The regional points-of-contact for TA are, from left, [Mike Turns](#) (Northeast), [Kim Cheslak](#) (Southeast), [Mark Lyles](#) (Midwest and Northwest), and [Paula Zimin](#) (Southwest and South-Central).

The BECP provides a robust and ever-evolving collection of information and technical assistance resources to support updated energy codes and Building Performance Standards (BPS) across the U.S. This support is mobilized across all 56 states and territories, Tribal nations, and at the local level through technical assistance networks comprised of national labs, regional energy efficiency organizations, and many additional subject matter experts.

Jurisdictions seeking support around energy codes or a BPS can access resources, tools, and request technical assistance through DOE's [Energy Codes](#) and [BPS Technical Assistance Networks](#).



Building Energy Codes

U.S. DEPARTMENT OF ENERGY

The Building Energy Codes Program:

The U.S. Department of Energy supports the advancement of building energy codes. Modern building codes and standards offer cost-effective solutions, contributing to lower utility bills for homes and businesses, and helping to mitigate the impacts of climate change. Learn more at energycodes.gov.

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