

Local Energy Resources Network



Meeting 22
September 12, 2023

*Featuring California Energy
Commission*



Welcome!

Purpose

Interactive 1-hour meetings designed to be a regular space where local governments - and those who work with them - can help each other learn about (and possibly inform) available opportunities to advance their energy and climate goals.

TODAY'S AGENDA

- Opportunity Roundtable + Spotlight
- Featured presentation on CEC Contractor Training Input
- BPC Workshop
- Optional: Extended 15 minutes for Bonus Breakouts



Opportunity Roundtable

Need/Have
Board

View all
Opportunities

Policy Drives Investment

Agencies Scope/ Design Assistance Programs & Gather Input

Applicants Apply to Funding Solicitation

State

- FY 21-22 Budget (\$15B climate resilience)
- FY 22-23 Budget (\$38.8B climate change)
- Cap and Trade auction revenue allocations (~\$19B raised since 2013)
- FY 23-24 Budget
- Other legislative action (e.g. SB 852 local climate resilience financing districts, SB 511 statewide local GHG inventories- sign on)
- State agency proceedings (e.g. *CPUC microgrid, CEC IEPR, *CARB Scoping Plan)

Federal

- Infrastructure Investment and Jobs Act (IIJA) (2021) = \$47B in climate resilience funding
- FY 22-23 Budget (\$44.9B climate change)
- Inflation Reduction Act (IRA) (2022)
- Biden's Proposed FY 23-24 Budget (\$52.2B climate change)

Funding

- EPA: Greenhouse Gas Reduction Fund "Solar for All" - (\$7B) - Municipalities/nonprofits intent to apply due Aug 14; apps due Sept 26
- DOE: Energy Future Grants (EFG): Phase 1 - due September 30
- DOT: Strengthening Mobility and Revolutionizing Transportation (SMART) Stage 1 Planning and Prototyping Grants - due October 10
- DOE: Energy Improvement in Rural or Remote Areas (ERA) Fixed Award Grant Program (\$50M) - due October 12, 2023, free TA
- CARB/CCI: Low Carbon Transportation Investments - Planning and Capacity Building Grants (\$3M for 6-15 grants)
- Concept application due September 8, full applications due November 3
- CARB/CCI: Clean Mobility in Schools and the Sustainable Transportation Equity Project (STEP) (\$29.65M) - Concept application due September 8, full applications due November 3
- DOE: Energy Storage Demonstration and Validation - due December 4, 2023
- SGC: Round 2 Regional Climate Collaboratives Program (\$8.5M) - Pre-Proposals due September 6, 2023; Full Proposals due December 6. Bi-weekly office hours. Tribal Workshop on July 18. Contact: CACE@sgc.ca.gov.
- DOE: Community Energy Innovation Prize - February 2, 2024
- IRS: Consumer clean energy tax credits live!

Input

- OPR: CA Climate Assessment Regional Workshops - various dates through September
- CEC RFI on Contractor Training - due September 25
- State/Local Coordination Meetings: Thanks to those that attended the pre-forum meeting. Locals will receive invite for next meeting scheduled for September 28



Opportunity Spotlight

California Strategic Growth Council recently voted to approve more than \$750 million in Affordable Housing and Sustainable Communities awards.

Congrats! to AHSC

beneficiaries in:

- City of Los Angeles
- County of Los Angeles
- City of Fresno
- City of Riverside
- City of Sacramento
- City of Fremont
- City of Petaluma
- City and County of San Francisco
- City of Richmond
- City of San José
- City of San Diego
- City of Modesto
- City Of Lemoore
- City of Eureka
- City of Santa Cruz
- Town of Windsor

California making headway on climate-friendly, affordable homes

- **\$3 Billion** invested in total through the Affordable Housing and Sustainable Communities Program
- Building **17,000** new affordable homes
- Taking the equivalent of **11 million** gas-powered cars off the road for one year





Featured Speaker



Supervisor Rebates & Incentives
Equitable Building Decarbonization & IRA

California Energy Commission

Carol Schmitt



CCEC LERN

IRA Contractor Training INPUT

California Energy Commission
Carol Schmitt

Reliability, Renewable Energy & Decarbonization Incentives (RREDI) Division
September 12, 2023



Refresh: Equitable Building Decarbonization Program Goals

Reduce
Greenhouse Gas
Emissions

Advance Energy
Equity |
Justice40

Improve Resiliency
to Extreme Heat

Improve Indoor Air
Quality

Improve Energy
Affordability

Support Grid
Reliability

Support Local
Workforce

Support Six Million
Heat Pump Goal

Support Climate-
Ready and Climate-
Friendly Homes
Goals



Equitable Building Decarbonization (EBD)

EBD: [CEC Equitable Building Decarbonization Website](#)

IRA: [CEC Inflation Reduction Act Website](#)

Email: IRaresidentialenergyrebates@energy.ca.gov

IRA Docket: 23-DECARB-01

Contractor Training RFI

Comments due by September 25, 2023

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-DECARB-01>



IRA: \$10M Contractor Training

Program Goals (IRA Section 50123)

- (1) to reduce the cost of training contractor employees;
- (2) to provide testing and certification of contractors trained and educated under a State program
- (3) to partner with nonprofit organizations to develop and implement a State program

IRA Contractor Training

- Comments due: September 25, 2023
- Application due: January 31, 2024

Email: IRAresidentialenergyrebates@energy.ca.gov



IRA Contractor Training: Input

Question 1:

Please provide information on available state and federal **residential** energy contractor training and similar programs in California, including a list of organizations currently providing training, credentialing, and/or wrap around services. Please include references on:

- a. Residential (single-family and multifamily) energy auditor availability and readiness;
- b. Available **skills assessment reports** for existing education and training programs, such as on new energy technologies, latest best practices, or newly launching programs.



IRA Contractor Training: Input

Question 2:

If IRA Contractor Training funds are used to supplement existing workforce development programs in California, which programs are **most closely aligned with the goals** of the IRA Contractor Training Program?



IRA Contractor Training: Input

Question 3:

What **gaps in existing workforce development** programs in California can be addressed through the IRA Contractor Training Program? What is the **current supply** of qualified skilled energy efficiency workers compared to the projected future demand?

EX: Minimum in areas that are identified as overburdened and underserved using the federal Council of Environmental Quality's Climate and Economic Justice Screening Tool CEJST and California criteria.



IRA Contractor Training: Input

Question 4:

What **certifications** should be funded through contractor training for residential energy rebate programs in California to support the purpose of this funding and lead to good-quality jobs?

As stated in the guidance from the U.S. Department of Energy on this topic: good-quality jobs are jobs that pay sustaining wages with wage progression, benefits, access to paid leave, opportunities for career advancement through training and education, adequate staffing, safety and health protections, nondiscriminatory and harassment-free workplaces that promote Diversity, Equity, Inclusion, and Accessibility (DEIA) and, to the strongest extent possible, a platform for worker voice that supports all workers and ensures fair pay and safe working conditions.



IRA Contractor Training: Input

Question 5:

What **data is available** to demonstrate that the proposed **certifications** in your response to Question 4 align with the skills and needs of California, meet energy workforce demands, and prepare that workforce to deliver energy efficiency, electrification, and clean energy improvements?



IRA Contractor Training: Input

Question 6:

What **performance metrics and numerical targets** should California use to measure impact throughout the 48-month period of performance of DOE funding sought by the CEC to provide contractor training for the IRA residential energy rebate programs?



IRA Contractor Training: Input

Question 7:

In the **Community Benefits Plan** required as part of the CEC application for DOE funding for contractor training for IRA residential energy rebate programs, how should the program ensure the delivery of measurable community and jobs benefits, and:

- 1) support meaningful community and labor engagement;
- 2) invest in America's workforce;
- 3) advance diversity, equity, inclusion, and accessibility; and
- 4) contribute to President Biden's goal that 40 percent of the overall benefits from certain federal investments flow to disadvantaged communities under the Justice40 Initiative.



IRA Contractor Training: Input

Question 8:

Input on other topics welcomed!

And still time to provide Comments to RFI:

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-DECARB-01>



Finalizing EBD Direct Install Program Guidelines

California Energy Commission > Programs and Topics > All Programs > Equitable Building Decarbonization Program

Equitable Building Decarbonization Program

<https://www.energy.ca.gov/publications/2023/equitable-building-decarbonization-direct-install-program-draft-guidelines>



And in case you hadn't seen...

California Energy Commission > Programs and Topics > All Topics > Building Decarbonization > **Building and Home Energy Resource Hub**



Building and Home Energy Resource Hub

Homeowner & Renter
Energy Resources

Contractor
Energy Resources

Local Gov't Representative
Energy Resources

[New on the CEC website](#)

Send updates to existingbldgdecarb@energy.ca.gov



WE'RE HIRING!

***Come and join our Reliability,
Renewable Energy & Decarbonization
Incentives (RREDI) Division!***



Questions?
careers@energy.ca.gov

<https://www.calcareers.ca.gov/>

Wide variety of opportunities:

- Building Decarbonization Specialists
- Grid Reliability Specialists
- Energy Analysts
- Policy & Programs Specialists
- Data Nerds
(not official title but sure you get the idea!)



Thank You!

[CEC Equitable Building Decarbonization Website](#)

IRA Docket: 23-DECARB-01

[Contractor Training RFI & CEC Inflation Reduction Act Website](#)

Email: IRAresidentialenergyrebates@energy.ca.gov

EBD Docket: 22-DECARB-03

[DRAFT EBD Statewide Direct Install Guidelines](#)

Email: Equitablebuildingdecarb@energy.ca.gov

BPC Workshop

Topic: Discussion

- State/Local Energy and Climate Coordination Meeting
 - What agencies do you think should be present?
 - Discussion topics: Energy reliability, load constraints, and communicating with constituents to prevent or respond to outages
 - Local examples - contact me if you can speak at SLECC on September 28:
ahacker@civicwell.org

Local Energy Resources Network



What's Next?

- Bonus Breakouts up next!
- Next meeting **September 12, 2023**
- Share [invitation](#) with others



Optional: Bonus Breakouts

Thanks for joining us!

This is a **NEW** space for informal discussion among the LERN network. Feel free to:

- Offer an announcement, success story, or opportunity
- Share a need for information, collaborators, or advice
- Raise a suggested topic or speaker for future LERNS

If you need an in-depth discussion, you can pitch a specific bonus breakout topic and invite others to join you (today or we can plan ahead for next month)



CCEC Serves Local Needs



wEEkly Update



CURRENTS Quarterly



Webinars



Annual Forum



Active Funding Opportunities



Funding Program Database



Technical Assistance



Technical Assistance Directory



Local Government Roundtables



Best Practice Database



Interviews and Case Studies