

Local Energy Resources Network



Meeting 1
October 12, 2021

*Let's LERN Together – Featuring a
Conversation with CARB*



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 Discussion with Guests: CARB
- Ask the BPC



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



Opportunity Roundtable

Opportunities for...

1	Funding	<ul style="list-style-type: none">• EDA ARPA Build Back Better Regional Challenge Grant (10/19/21)• DOI WaterSmart Grants (11/11/21)• FEMA BRIC (1/28/22)
2	Other Assistance	<ul style="list-style-type: none">• DOE/NREL SolarApp+ (free tool)• DOE Community LEAP (12/17/21)
3	Input	<ul style="list-style-type: none">• DOE Community LEAP (10/12/21)• USDA Equity Commission (10/27/21)• 2022 State SIP Strategy Draft Measures (CARB workshop 10/19)

On the horizon...

- *Transformative Climate Communities* (\$420M)
- *Regional Climate Collaboratives* (\$20M)
- *Community Economic Resilience Fund – High Road programs* (\$600M)
- *Community Resilience Centers* (\$200M)
- *Low Income Weatherization* (\$50M)
- *Urban Greening* (\$250M)

[See OPR's presentation at Policymakers Event](#)



Opportunity Spotlight



FEMA



Building Resilient Infrastructure and Communities: CalOES BRIC Subapplication

- Subapplication deadline: 12/1/21 (ahead of federal deadline)
- Period of performance: 36 months
- Eligibility: Local governments are considered subapplicants and must submit [applications](#) for financial assistance to their State. CA's Hazard Mitigation Officer: jennifer.hogan@caloes.ca.gov
- Max per project: \$50,000
- Requirements:
 - FEMA-approved Local Hazard Mitigation Plan
 - Match: 25% (10% for Economically Disadvantaged Rural Communities)
 - Benefit-Cost Analysis for Mitigation Projects
 - NEPA compliance

Priorities:

- Incentivize natural hazard risk reduction activities that mitigate risk to public infrastructure
- Prioritize benefits to disadvantaged communities
- Mitigate risk to one or more community lifelines
- Incorporate nature-based solutions
- Enhance climate resilience and adaptation
- Increase funding to applicants that facilitate the adoption and enforcement of the latest published editions of building codes

LGs may submit letter of interest for Direct Technical Assistance to:
FEMA-BRICDirectTechnicalAssistance@fema.dhs.gov



Featured Guests



Cristina Echeverria, PhD

Climate Investments Implementation Section



Neil Matouka

Emerging Strategies Section



CALIFORNIA CLIMATE INVESTMENTS

October 12, 2021

Presentation Outline

- 1. Background on California Climate Investments**
- 2. Navigating Resources for Local Governments**
- 3. Questions and Discussion**

Background





What is California Climate Investments?

A statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy and improving public health and the environment—particularly in disadvantaged communities.

\$9 Billion in Implemented Projects



Cap and Trade Dollars at Work



CALIFORNIA STRATEGIC GROWTH COUNCIL



CALIFORNIA High-Speed Rail Authority



CALIFORNIA COASTAL COMMISSION





Cumulative Project Outcomes



51% of funding benefiting priority populations (\$4.5 billion)



659,000+ acres of land preservation or restoration



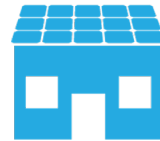
542,000+ individual projects implemented



740+ transit agency projects funded, adding or expanding transit service



8,000+ affordable housing units under contract



123,000+ projects installing energy efficiency measures in homes



125,000+ urban trees

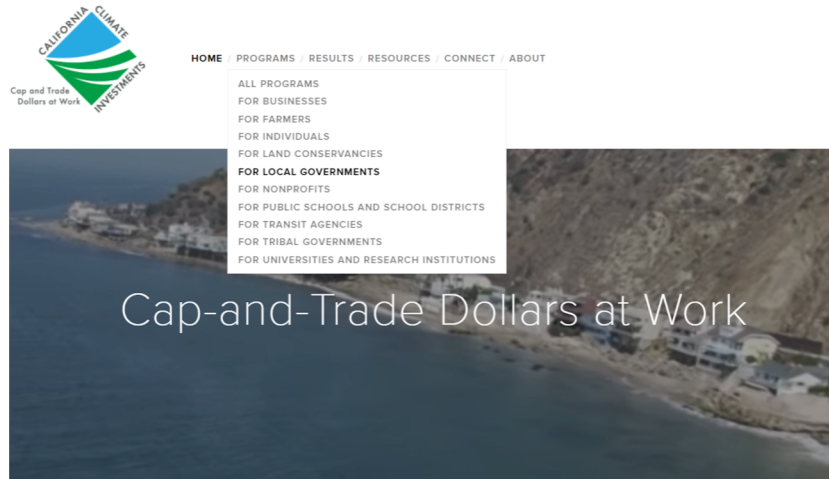


399,000+ rebates issued for zero-emission and plug-in hybrid vehicles

Navigating Resources for Local Governments



The California Climate Investments Website



caclimateinvestments.ca.gov

Exploring Our Programs:

Factsheets: Programs available to Local Governments: [English](#) | [Spanish](#)

Funding for Local Governments Webinar:

Held Fall 2020 and included presentations on:

- The BOOST Program
- City of Arcata's AHSC award in collaboration with the Yurok Tribe

Program Pages: Summaries of each program and links to learn more

The California Climate Investments Website



caclimateinvestments.ca.gov

Learning About Funded Projects, & Priority Populations:

Project Profiles: Read about a selection of funded projects

Project Map: Check out where investments have been implemented

Priority Populations: Learn how priority populations are determined

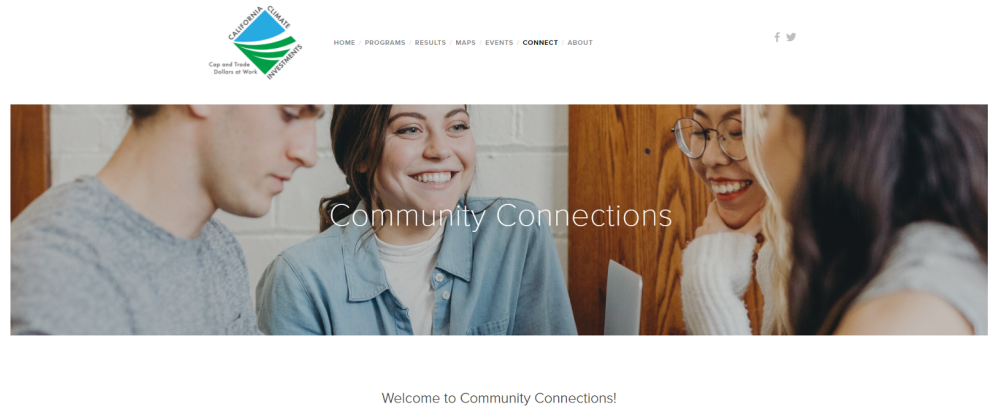
Priority Populations Map: See if a location is in a disadvantaged or low-income community

Connecting with Potential Partners

Community Connections

A directory to help organizations and agencies find collaborative partners interested in California Climate Investments.

We invite you to explore the [Community Connections](#) tool, join the directory, and start connecting and building relationships across the state.



Connecting with California Climate Investments



CREATING A CLEANER AND MORE
SUSTAINABLE CALIFORNIA

Newsletter | September 2021

Questions? 800.757.2907
Hablamos Español

En Español

Subscribe

In This Edition...

Announcements and Updates

- Upcoming Draft Investment Plan workshop; Mid-year data update; Funding resilience against wildfires; California Climate Investments Webinar Series; Join Community Connections

Opportunities for Funding and Resources

- BOOST program application survey; SALC Round 7 application deadline; Community Air Grants funding availability; Healthy Soils announces solicitation timeline; SWEEP announces tentative solicitation timeline; Workforce training and development through CCC

Keep up with Updates:

- The California Climate Investments bi-monthly Newsletter: **Subscribe**
- Follow us on Twitter & Facebook: [@CAClimateInvest](#)



Ask us questions:

- Email us: info@caclimateinvestments.ca.gov
- Give us a call (Hablamos Español): 800.757.2907

Questions and Discussion



Working to better reach all of California

We aim to refine our outreach and engagement to better serve areas of the state that may have had greater challenges accessing California Climate Investments funds to date.

We are seeking to:

- Exploring new outreach approaches
- Better understand barriers that make accessing information difficult
- Learn what folks on the ground need from us to make information more accessible

Upcoming Effort: Piloting Outreach Approaches

Questions for Discussion:

- How can our information be more available/accessible to you? What forms of engagement would you really like to see funding programs employ to best reach you?
- What are some challenges and barriers that your community faces when pursuing funding opportunities that you would like us to know? What are some common challenges you see your peers experiencing?

Thank you!

info@caclimateinvestments.ca.gov
www.caclimateinvestments.ca.gov

Cristina Echeverria

Cristina.Echeverria@arb.ca.gov



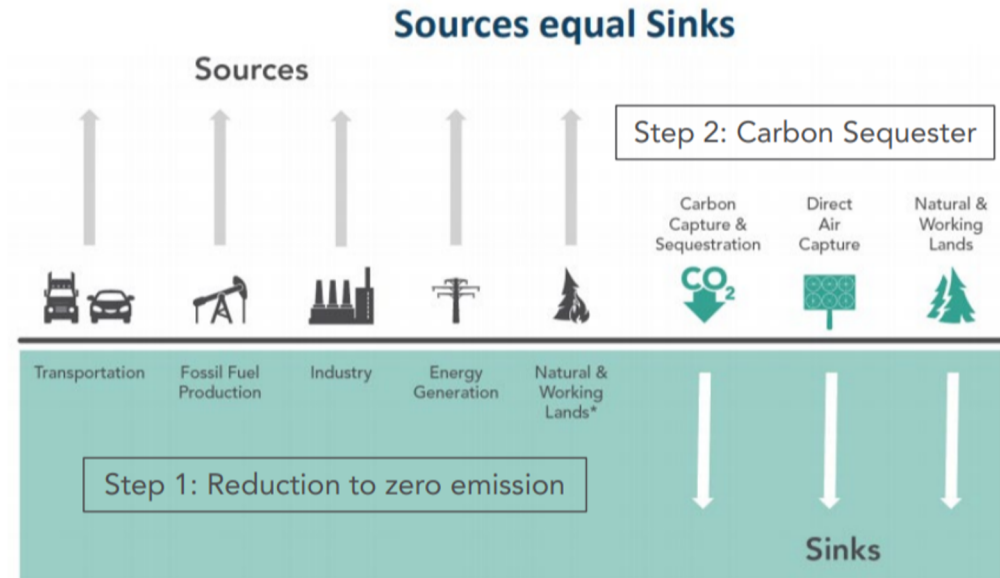
How Does CARB Support Local Government Climate Action?

OCTOBER 12, 2021



Importance of Carbon Neutrality

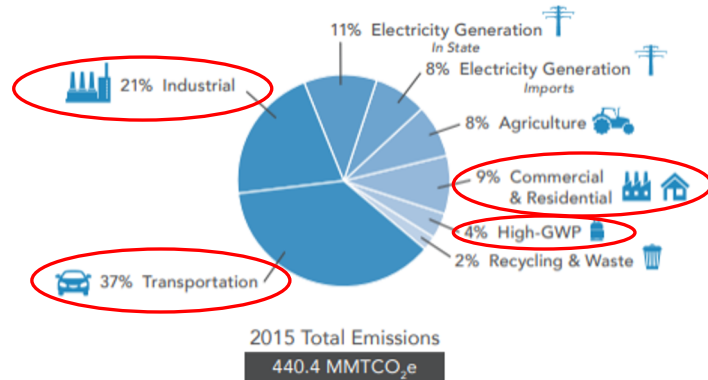
- IPCC report notes carbon neutrality by 2045 (mid century), may hold global warming to 1.5°C



	2025	2030	2035	2040	2045
SB 32		40% GHG reduction from 1990 levels			
EO B-55-18					CA carbon neutral
SB 375			25% reduction in passenger per capita GHG from 2005 levels		
SB 100					100% clean electricity
Innovative Clean Transit Regulation				100% zero-emission public bus fleets	
EO B-16-12* EO B-48-18** EO N-79-20***	1.5 million ZEVs*	5 million ZEVs**	100% new passenger ZEV sales; 100% ZEV drayage/off-road operations***		100% medium and heavy duty ZEV fleets***
EO N-82-20		Conserve 30% of CA land and coastal waters			

Local Jurisdictions Have the Power to Help Reduce Emissions

CALIFORNIA EMISSIONS BY SECTOR



2019 REPORT ON THE STATE OF CLIMATE ACTION PLANS IN CALIFORNIA

“Of California's 482 cities, 181 have CAPs and of the 58 counties, 21 have CAPs. This covers 64% of the population of California. These CAPs account for 283 million metric tons of CO₂e, or about 63% of California's total 2010 emissions.”

Step 1. CAP Toolkit



One-stop-shop for the latest climate action planning resources

Step 2. Take Action

1. Find best practices from other communities across California using the CAP-Map.
2. Find climate strategies and model policies below.
3. Let us know what your best practices are!

Step 3. Find Funding



Searchable database full of funding opportunities for sustainable projects

Strategies:

Transportation

- ▶ Transit Improvements
- ▶ Active Transportation Modes
- ▶ Trip Reduction & TDM
- ▶ Zero-Emission Vehicles

CAP-Map



Mapping and sharing local climate action.

Strategies:

Land Use

- ▶ Transit-Oriented Development
- ▶ Efficient Land Use



California Local Government Climate Policy Tool

The Cool Climate California Local Government Climate Policy Tool allows you to see how proposed policies would reduce GHG emissions in your community or jurisdiction. Providing a side-by-side look at jurisdiction, this is a helpful tool that provides a research-based scale of potential solutions. Comparisons between jurisdictions and policy emission reductions are for informational purposes only as numbers are generated using a consumption-based methodology, which is likely different than the methodology used by your local jurisdiction.

CoolClimate Network

[Tutorial](#) [Documentation](#)

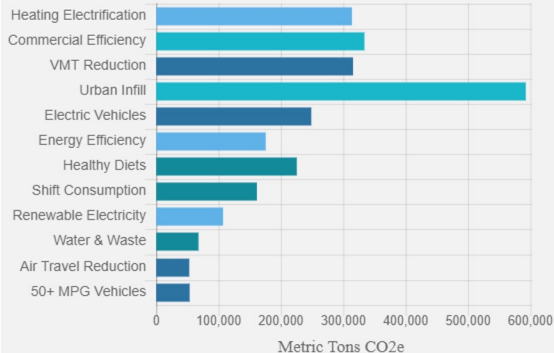
California Local Government Climate Policy Tool

Enter State, County, City, Zip Code, or BlockGroup

Location 1

Sacramento

GHG Reduction Potential in 2030 from Local Policies



2. Select Target Policy Adoption Rate in 2050 for Location 1

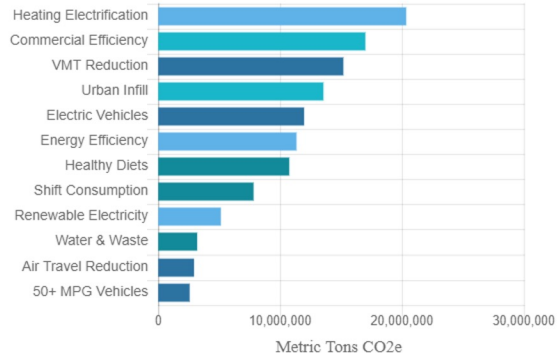
California Local Government Climate Policy Tool

Enter State, County, City, Zip Code, or BlockGroup

Location 2

California

GHG Reduction Potential in 2030 from Local Policies



2. Select Target Policy Adoption Rate in 2050 for Location 2

CAP-MAP

Find address or place

Town of Windsor

County: Sonoma
MPO: MTC
RTPA: MTC
Air District: BAAQMD
Population: 27,205

Climate Plans:
[Air District Clean Air Plan](#)
[County Climate Action Plan](#)

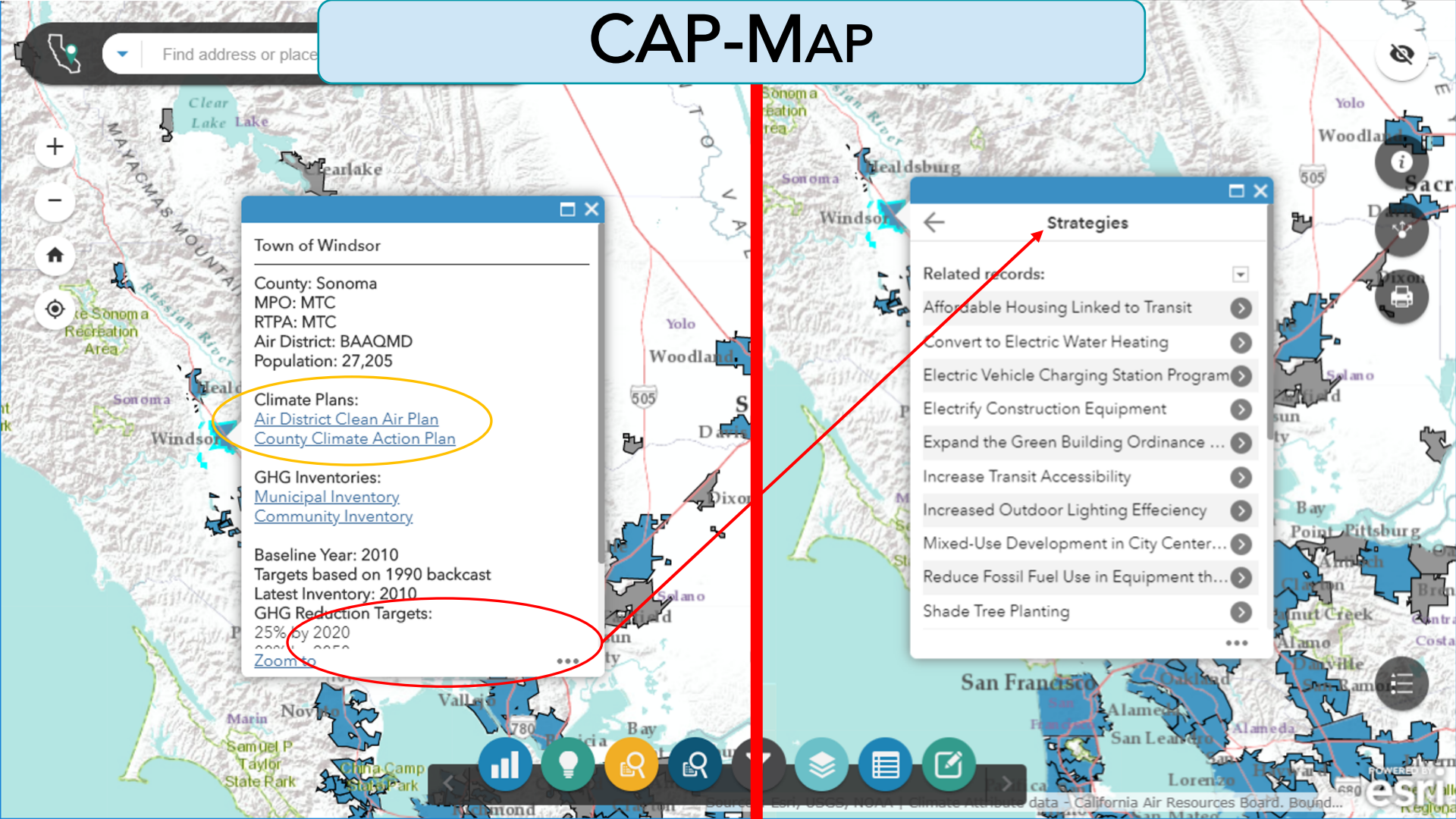
GHG Inventories:
[Municipal Inventory](#)
[Community Inventory](#)

Baseline Year: 2010
Targets based on 1990 backcast
Latest Inventory: 2010
GHG Reduction Targets:
25% by 2020
2000-2050
[Zoom to](#)

← Strategies

Related records:

- Affordable Housing Linked to Transit >
- Convert to Electric Water Heating >
- Electric Vehicle Charging Station Program >
- Electrify Construction Equipment >
- Expand the Green Building Ordinance ... >
- Increase Transit Accessibility >
- Increased Outdoor Lighting Efficiency >
- Mixed-Use Development in City Center... >
- Reduce Fossil Fuel Use in Equipment th... >
- Shade Tree Planting >



FUNDING WIZARD



Find grants and incentives for sustainability projects!

SEARCH FOR FUNDING 

[Click here to explore all funding opportunities using filters.](#)



Additional CARB Resources

- **Local Actions for Climate Change:** <https://ww2.arb.ca.gov/our-work/programs/local-actions-climate-change>
- **Building Decarbonization:** <https://ww2.arb.ca.gov/our-work/programs/building-decarbonization>
- **2017 Scoping Plan [2022 coming soon]:** <https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan>
- **Transportation and Land Use Policy Briefs:** <https://ww2.arb.ca.gov/our-work/programs/sustainable-communities-program/research-effects-transportation-and-land-use>

What's Next? (and How to Participate)

1. Updated 2022 Scoping Plan with new Local Actions Appendix
 1. Participate in the public meetings!
2. New outreach and capacity building around climate action from CARB's Sustainable Transportation and Communities Division
 1. Look for regional and local meetings!
3. New resources on Climate Action Planning (Timeline TBD)

Neil Matouka

Neil.Matouka@arb.ca.gov

<http://coolcalifornia.org>

<http://fundingwizard.arb.ca.gov>

Ask the BPC!

Add questions or requests to the chat, raise your hand, or email ahacker@lgc.org



Local Energy Resources Network



What's Next?

- Monthly meetings
 - Next meeting **November 9, 2021**
- Share [invitation](#) with others
- What agencies or programs would you like to invite to an upcoming LERN discussion?