

SoCalREN Advisory Committee Meeting

August 8th, 2024 10:30 am - 2:30 pm

















Networking















Networking Activity - Common & Unique

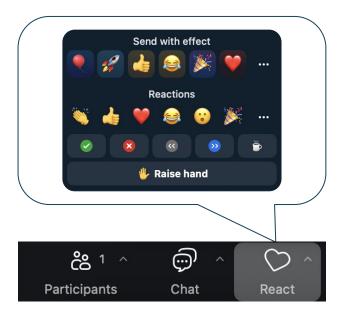
- Split into groups of four or five
- You will have until 10:45 am to find 3 things you all have in common and one thing unique to each of you
- At the end, each group will share one commonality

Administration

- This webinar is being recorded
- Please keep microphone muted unless you want to speak
- If you are experiencing any technical issues during the webinar,
 please contact Amanda Hassan at ahassan@energycoalition.org

Directions for Chat

- We will be having an open discussion throughout the meeting!
- To facilitate orderly discussion while others are speaking, we are going to be using the "raise hand" function.
- If you would like to ask your question verbally click on the "raise hand" function.
- If you would like to stay muted, send us your question or comment through the chat!



Who is participating today?

Advisory Committee Members



























Invited Guests



SoCalREN Staff, Implementers & Regional Partners



















SoCalREN Welcome

Minh Le, Los Angeles County















SoCalREN Advisory Committee



Guide and Advise



Collaborate and Innovate



Be Informed



Be an Advocate

Agenda

| Networking Activity | ALL | 20 min |
|--|------------------|--------|
| SoCalREN Welcome | Minh Le | 5 min |
| San Gabriel Valley COG Presentation | Nicholas Ryu | 5 min |
| SoCalREN Updates | Tessa Charnofsky | 20 min |
| Expanding beyond EE Funding | Lujuana Medina | 20 min |
| Networking Lunch | ALL | 30 min |
| Regulatory & Policy Updates | Fernanda Craig | 20 min |
| Legislative Threat to EE Funding | Joe Desmond | 30 min |
| Threat to EE Funding and Actions to Date | ALL | 80 min |
| Closing Remarks | Lujuana Medina | 10 min |



San Gabriel Valley Council of Governments

Nicholas Ryu

















SoCalREN Updates

Tessa Charnofsky, MSW, MPA Special Services Assistant















SoCalREN Workforce Education and Training Program

Second Annual Future Green Leaders Summit



Thursday, October 24, 2024

Future Green Leaders Summit

Objective:

To expose middle school students from Southern California to the Green Energy Sector, one of the country's fastest growing job markets, and inspire them to consider a career in the green economy.

2024 Target Audience:

- 500 Middle school students (6th–7th grade)
- From Title 1 Schools in the San Fernando Valley







DiscoveryCube OC & LA



- Keynote speakers welcome and inspire, with interactive energy "battle" royale.
- Breakout workshops will offer hands-on activities related to energy sector career pathways.
- A Resource Fair will introduce students to academic opportunities and career pathways.

Future Green Leaders Summit Schedule



- 9:00 AM Arrival: Buses arrive, check-in, students seated for general session
- 9:30 AM Event Starts: Energy Battle Royale opens event at main stage
- 10:30 AM Workshop Breakout: Students move to assigned workshops and resource fair
- 11:45 PM Lunch: Students go to lunch and have time to explore resource fair
- 12:45 PM Workshop Breakout: Students move to assigned workshops and resource fair
- **1:10 PM Closing:** Students wrap up final session and prepare to depart



Please join us!





CBDC: Background

- In authorizing SoCalREN's
 2024–2027 portfolio, California Public
 Utilities Commission (CPUC) tasked
 SoCalREN with designing a
 Community-Based Design
 Collaborative and Program Pilot
 which facilitates community
 involvement in energy efficiency
 program design and delivery.
- SoCalREN must design, convene, and facilitate this community collaborative, developing a plan for the subsequent community engagement pilot, and elevating future direction and best practices on statewide community engagement.



CBDC Launch Schedule

| Phase 1: Formation of Collaborative | Phase 2: Collaborative Tasks | Phase 3: Collaborative Next Steps, Launch of Pilot, Plan for Future |
|---|---|---|
| April-October 2024 | November 2024–August 2025 | September 2025–2026 |
| Recruit collaborative members | Alignment on goals & participation; energy foundation building; discuss how to educate/inform broader community about opportunity | Tier 2 Advice Letter submitted September 30, 2025 |
| Convene first meeting in October 2024 | Plan for education and outreach to prospective partners on energy and energy efficiency fundamentals | If approved by CPUC, launch pilot, January 2026 |
| Schedule meetings through December 2025 | Discuss and determine budgets for projects; range/types of projects, including whether projects must achieve energy savings | Collaborative recommends whether a community-based approach should be administered statewide or regionally, and by which Program Administrator. CPUC approves plan. |
| | Agree on criteria for evaluation of program proposals and progress for the pilot, including reporting, metrics, and accountability | If approved by CPUC, SoCalREN will support other Program Administrators for their portfolio applications for 2028-2031 (to be filed in 2026). |
| | Discuss and ensure adherence to ESJ Action Plan; develop plan for gathering program ideas | |

Targeted Counties: 4 rather than 13



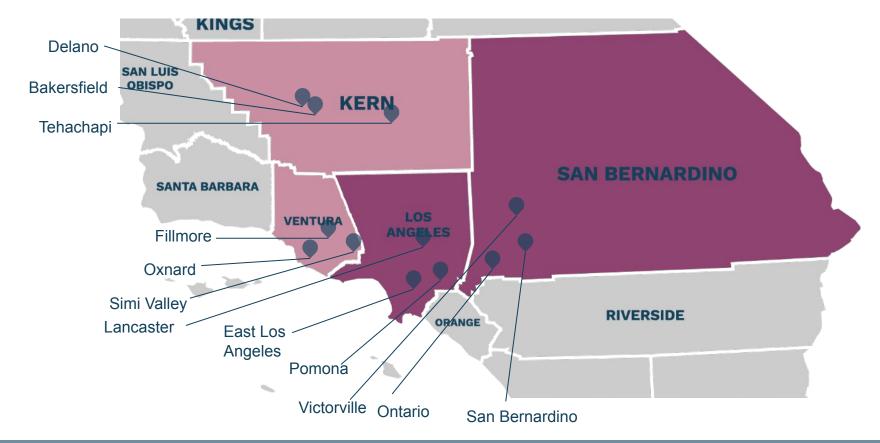
- Easier to meet in person with contiguous counties
- Group process more manageable; people will speak up more in smaller groups
- Fewer counties means each can have at least one pilot program

Regions Served

| Los Angeles County (Eastern) | San Bernardino County | Ventura County | Kern County |
|---|---|--|---|
| Population Centers | Population CentersSan BernardinoOntarioVictorville | Population Centers Oxnard Simi Valley Fillmore | Population Centers Bakersfield Delano Tehachapi |
| Areas for | Areas for | Areas for | Areas for |
| Environmental Justice Air pollution Asthma Freeway surrounding High-emission industries | Environmental Justice Air pollution Asthma Food access High-emission industries/warehousing Wildfire smoke | Air pollution/ Agricultural processes Wildfire smoke Farm workers/ high needs | Air pollution/ Oil drilling related pollution High-emission industries-Refiner ies Wildfire smoke |

Source: California Air Resources Board

Map of Regions Served





Expanding Beyond Energy Efficiency Funding

Lujuana Medina

















Healthy Stores Refrigeration Program

California Department of Food and Agriculture Healthy Refrigeration

Grant Program

What is the Healthy Stores Refrigeration Program?



Pictured: Lupita's Market

The Healthy Stores Refrigeration
Program, or HSRP, helps small
businesses in Los Angeles' food
deserts replace existing, inefficient
refrigerators with new efficient
models to fill with California-grown
healthy food.

HSRP Organizations and Roles

Grantor & State-wide Administrator



Grantor & LA Administrator



Grantor



Implementer



Refrigerator Delivery Company Community-Based Organization Partner



Who does HSRP serve?

Corner stores and small independent grocery stores in neighborhoods with low access to healthy food in Los Angeles County.

Qualifying stores must meet some specific eligibility requirements, most importantly:

- Location in a low-income or low-access neighborhood
- 2. Accept EBT (food access assistance)
- 3. Willingness to stock the new refrigerators with healthy food

Corner Stores

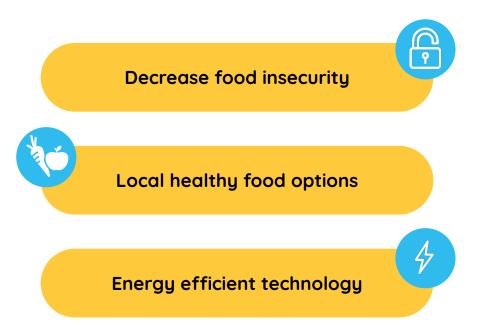
- Sells food and other essentials
- Does not have a product specialty (e.g. candy store or liquor store with >50% of shelf space dedicated to specialty product)
- 2 or fewer cash registers

Small Business Grocers

- Independently owned
- Less than 100 employees
- Average gross annual receipts of \$15M or less



Why does HSRP work?

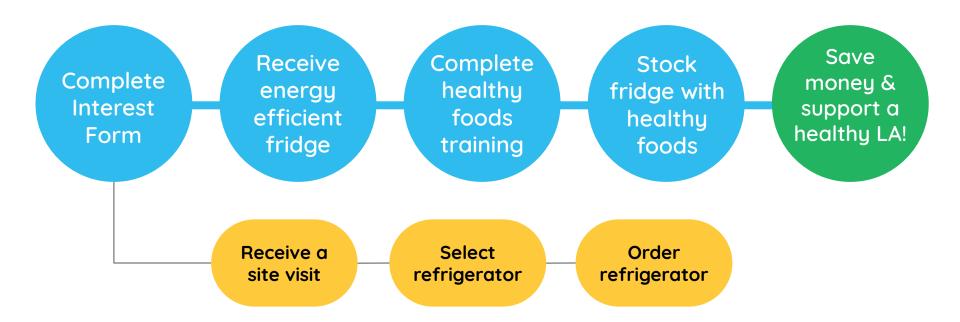


Participating stores...

- Reduce energy usage and greenhouse gas emissions
- Save money on energy bills
- Reduce pollution in areas most affected by it
- Contribute to the health of their community
- Increasing store revenue by selling healthy, nutritious foods
- Educate their community and customers on the benefits of healthy food options and energy efficiency



How does it work?



Educational Site Visits / Pop-Up Shops

Through a grant provided by the Los Angeles Department of Water and Power, The Energy Coalition will provide educational outreach for 50 stores within the City of Los Angeles. Activities include:

- 1. Pop-up tables to educate customers about healthy foods available at their local store and local programs to reduce their energy burden
- 2. Live cooking demonstrations using healthy food found in the store
- 3. Take home easy recipe kits using healthy foods found in the store



Case Studies





Lupita's Market

- Old, huge refrigerators caused high energy bill
- Store owner had to make produce runs ~3 times a week
- After participating in HSRP, Lupita's Market received two large 3-door units to keep their produce fresh and lower energy bills



Community Food Bank

- Re-sells grocery store food that would have been thrown away
- Store owner grocery bill was about \$5,000 \$6,000 a month due to using old refrigerators
- After participating in HSRP, Community Food Bank received refrigerators that are 2 - 3 times more efficient than their current refrigerators





SoCal EVen Access



Public Power-Up Program Overview

- Funded by California Energy Commission (CEC), Administered by The County of Los Angeles and Implemented by The Energy Coalition
- Public Power-Up installs Level 2 electric vehicle (EV) charging stations at no cost for public facilities in/near disadvantaged communities in LA County
- Goal: Provide clean mobility options for communities and multi-unit dwelling (MUD) residents
- The program leverages California Energy Commission grant funding, SCE's Charge Ready programs, and (*new!*) a Charging and Fueling Infrastructure (CFI) grant for customer-side infrastructure, equipment, and installation costs
- **Target:** 130 EV chargers across 12 or more project sites before the program ends in 2026!
- Two EVSE vendors EVCS and EV Connect selected through RFP









Charging and Fueling Infrastructure (CFI)

- Led by the City of Palmdale in coordination with TEC & EVCS
- Awarded \$14.8 million for 390 L-2 chargers and 22 DCFCs
- A total of 16 cities were part of the application



- 1. Alhambra
- 2. Bell
- 3. Carson
- 4. Cudahy
- 5. El Monte
- 6. El Monte Union High School District
- 7. Gardena
- 8. Hawthorne
- 9. Huntington Park
- 10. Lynwood

- 11. Maywood
- 12. Monrovia
- 13. Norwalk
- 14. Palmdale
- 15. Pico Rivera
- 16. Pomona
- 17. Santa Fe Springs
- 18. S El Monte
- 19. Whittier
- 20. Agua Caliente



Program Update Summary

| PPU (Additional Funding Sources for EV Infrastructure) | | | | |
|--|---------------|-------------------------------|---------------------------------------|-----------------------------------|
| PPU EV Charger Port Goal | CFI Supported | SCE Charge Ready Supported | CARB (CMO), AQMD, Agency Supported | Total Anticipated Ports Installed |
| 130 | 48+ | 184 | 28 | 260+ |

August 2024 Installations

- City of Carson 6 ports
- Agua Caliente Tribe 22 ports









Program Goals and Partners

Program Goals:

- Install 320 L2 Chargers at multifamily residences in multiple Counties throughout Southern California.
- At least ½ of installations will occur in DACs
- All residents will learn about the benefits of electric vehicles and purchases are tracked.

Partners:

- GreenWealth Energy
- US Green Business Council-California (USGBC)
- Green Light Labs (Electrifyze)
- San Gabriel Valley Council of Governments
- LA County's Development Authority

Program Design



Owner-Operated Model

Lead implementer obtains permits and installs chargers at Multifamily sites throughout Southern Cal.

Lead implementer maintains, operates and collects data on all chargers for at least six years.
All data shared with CEC.



Outreach and Engagement

US Green Business Council of California conducts outreach to share information about the EVSC and electric vehicles. USGBC to hold several events at apartment sites to share resources.

GreenLight Labs (Electrifyze) to develop site specific data collection and tracking of their site to determine if residents purchase electric vehicles.



Workforce Development

At least two graduates of SoCalREN's Green Path Careers program who have obtained training in EVSE maintenance shall be placed at GreenWealth Energy or one of their partners.

At least two USGBC Green Building Corps graduates will be placed with Green Wealth Energy



Go electric!

electrifyze.la

National Association of Counties granted Los Angeles County a 2024 Achievement Award for

Electrifyze – Accelerating adoption of electric cars to create a fossil fuel free Los Angeles County

Timeline and Major Deliverables





Reporting Details

10th calendar day of each January, April, July, and October during the approved term of this Agreement

- Quarterly Progress Reports
- Charger Reliability and Maintenance, under Task 1.5
- Maintenance section of Quarterly report on Charger reliability and Maintenance in Task 5.4
- Data on charger installations and charging events.

Additional Reporting throughout Project

- Permits
- Site Designs
- Remote and Maintenance Records
- Photographs
- Commissioning Reports
- Outreach Report
- AB 841 Certification
- EV Inventory Report
- Final Report

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Networking Lunch

The meeting will resume at 12:20

















Regulatory and Policy Updates

Fernanda Craig August 5, 2024

















R.19-01-011 **Building Decarbonization**















Building Decarbonization (R.19-01-011) Background

Proceeding Purpose: Started in 2019 to advanced building decarbonization including electrification programs and disincentivizing gas line extensions.

Previous Issues Addressed:

- · Adopt rules to remove gas line subsidies.
- Ended electric line extension allowances for mixed-fuel new construction.
- Launched statewide electrification programs: BUILD, TECH, and WNDRR.

What's New:

- 7/1 Scoping Memo to determine next steps in proceeding. 7/18 staff proposal on preventing panel and service line upsizing.
- Scoping Topics include:
 - Modifications to electric service line extension rules
 - Electric baseline allowance modifications
 - Zonal Electrification Pilots & Decarbonization Action Plan

Building Decarbonization – Scoping Memo & Ruling

To address 3 issues:

a) Electric Service Line Extensions

 Modifications to electric service line extension rules to assist under-resourced customers and ways to prevent unnecessary electric service line upsizing

b) Ratemaking

Modify electric baseline allowance to encourage building decarbonization

c) Zonal Electrification Pilots & Decarbonization Action Plan

- Voluntary zonal building decarbonization opportunities, and refinements to the TECH program
- Development of an action plan to cost effectively layer, leverage and scale building decarbonization initiatives

Building Decarbonization

Impact to Public Agencies:

Zonal Electrification Pilots & Decarbonization Action Plan

- Develop scalable zonal decarbonization pilots, with a focus on under-resourced customers
- Consider if zonal pilots should be implemented by RENs, IOUs, CCAs, contractors, local and tribal governments, or other program implementers
- Opportunities for agencies to drive need for local and equity focus through action plan,
 and shape how to best address impacts to environmental and social justice communities
- Expansion of TECH program beyond residential space conditioning and water heating

Building Decarbonization

Questions for Advisory Committee:

- 1) Has your agency considered Zonal Electrification pilots?
- 2) What role should public agencies hold in Zonal Electrification pilots?
- 3) Has your agency considered developing a Decarbonization Action Plan? Are there lessons learned or opportunities to seek out in this new Action Plan?

What's Next:

- 1) Party Opening Comments on Scope due Wed 8/7
- 2) Party Reply Comments on Scope due Mon 8/19
- 3) CPUC to provide updated direction and considerations thereafter



Thank you

















Appendix

















R.23-12-008 Transportation Electrification















Transportation Electrification - Track 1 Ruling

CPUC proposes pause on \$1B 2025-2029 TE Rebate Program funding due to recent developments:

- a) Affordability challenges for ratepayers
- b) Energization delays due to distribution infrastructure upgrades
- c) The near-term availability of non-ratepayer funds for BTM TE infrastructure.

Themes from Party Opening Comments:

| Affordability | | Outside Funding | |
|----------------------------|--------------------------------|------------------------|-------------------------------|
| Program increases rates | Program enables affordable EVs | Program is duplicative | Outside funding is inadequate |
| Electric IOUs. Joint CCAs, | Environmental groups, | NRDC/EDF, Electric | EV industry, program |
| PAO/TURN/UCAN, CforAT | RENs/local government, EV | IOUs, PAO/TURN/UCAN | implementers, LA County |
| | industry groups, program | | |
| | implementers | | |

- 32 parties commented. 12 parties support pause, 20 support continuing program.
- Some parties also proposed to modify program to either start Locally Invested Transportation Equity (LITE) pilots or to refocus on multi-unit dwellings (MUDs)



R.22-07-005 Income Graduated Fixed Charges















Income-Graduated Fixed Charges (IGFC)

Through direction of <u>AB 205</u>, CPUC adopted <u>D.24-05-028</u> to change the structure of investor-owned utilities (IOUs) electric residential customer bills by requiring a monthly fixed/flat charge – based on income levels - with a related reduction in volumetric charges (per kWh).

Goals of AB 205 and CPUC Decision

- Average low-income customer will see bill savings
- Reduce volumetric rates for all residential customers to encourage electrification

IGCF Structure

- Redistributes utility revenue collection; not an increase in total revenue
- Use CARE and FERA utility discount programs for tier income eligibility

| Income Tier | Monthly Fixed Charge |
|---|----------------------|
| 1. CARE (0-200% Federal Poverty) | \$6 |
| 2. FERA (above 200-250% Federal Poverty) or live in income-restricted housing | \$12 |
| 3. All other customers | \$24.15 |

Impacts and Next Steps

Adopted Timeline

SCE and SDG&E to implement in Q4 2025. PG&E and small IOUs in Q1 2026.

Rate and Bill Impacts

- CPUC modeling shows \$5-6 increase for some non-low-income customers, \$2-12 savings for average SCE low-income customer, and \$28 savings for average SCE customers who fully electrify homes and vehicles.
- Impacted variable portion of SCE bill to reduce by 4.6 ¢ /kWh (reduced from ~30-50¢).



Legislative Threat to Energy Efficiency Funding



Joe Desmond, Executive Director California Efficiency and Demand Council (CEDMC)

















Threat to EE Funding & Actions to Date















Actions Taken to Date - Letters & Advertisements



August 7, 2024

The Honorable Robert Rivas Speaker, California State Assembly 1021 O. Street, Suite 8330 Sacramento, CA 95814

The Honorable Mike McGuire President Pro Tempore, California State Senate 1021 O. Street, Suite 8518 Sacramento, CA 95814

RE: Proteoting energy efficiency funding in Public Purpose Programs

Dear Speaker Rivas and President Pro Tem McGuire:

We, the undersigned organizations, are writing in strong opposition to efforts that propose to eliminate all non-cost-effective energy efficiency program funding from Public Purpose Program (PPP) Funds. While we understand the Legislature's need to evaluate the effectiveness of programs, we see this additional auditing process as a misguided attempt to eliminate energy efficiency programs that have saved more than \$100 billion in utility bills' since the 1970s, benefitting ratepayers, the environment, and California's economy.

California Energy Commission, Achieving Energy Efficiency.

https://www.energy.ca.gov/about/core-responsibility-fact-sheets/achieving-energy-efficiency



July 29, 2024

Dear California Legislators and Governor Newsom.

An overwhelming majority of California residents have endured a 50% increase in electricity bills in the three years since 2021 - an unprecedented spike that is harming millions of families. especially in low-income communities and communities of color. It is imperative that California's clean electricity - the fuel of the future - is affordable and available to all, to power our state's homes, buildings, transportation systems, and industry.

Bringing down utility bills for low-and-middle income households must be a top priority for California leaders. However, we are concerned that the legislature might be considering cutting core utility energy efficiency programs, in the name of rate affordability, in an end of session energy bill package. This would not only fail to address the root cause of the electricity rates crisis, but indeed worsen it at a time when Californians urgently need rate relief.

California's core utility energy efficiency programs lower bills for all utility customers by reducing demand on the electricity grid. In 2023 alone, the energy efficiency portfolio administrators reported generating over \$5 billion in lifecycle benefits for electric and gas ratepayers, with most of these benefits coming from work on codes and standards. The energy efficiency portfolio





AS SEEN IN

San Francisco The Californian Chronicle

The Press Democrat REGISTER

Actions Taken to Date - Coalition Building & Coordination

- Outreach through CEDMC and CCEC Forum
- Bi-weekly EE/PPP Coalition Calls organized by MCE
 - Communications working group
 - Engagement working group
- Meetings with legislative offices and administration offices
- Individual case studies on value of EE programs developed
- Talking points drafted for calls

Brainstorming - Strategy for Education

- Cost-effectiveness explain this at a fourth grade level
 - opt-ed from Joe to come out soon we will distribute once out
 - TRC is antiquated
 - "accountability" in place of "cost-effective"
 - recognize multi-year projects for public sector
 - Programs will not reach many communities (rural, underserved)
- WE&T programs are effective! From a societal standpoint
 - There are no shortage of tests
- Look at it at a portfolio level not at a program level
 - way to serve low-income / underserved
- Legislators are new and need education
 - how it works and why it works
 - helping people
 - politics it has to sound like a win
 - RENs are leading programs for affordability
- Story-telling
 - WE&T helping secure good jobs etc
- Fixation on "cost-effective" but does not have a direct impact on bill
 - o shift discussion on how programs reduce costs for affordability for those that need it
 - targeted customers how does this help them with affordability

Open Discussion and thoughts

Affordability metric vs cost effectiveness

- We are also ratepayers and want to lower our bills
- Need WE&T and codes & standards for everyone
- How can we continue to reduce barriers for programs while showcasing success?
- Opportunities to tie-in with federal funding IRA:
 - possible to increase tax benefits through apprenticeship as an example through EE WE&T program?
 - potential to explore through SCR program program through IBEW
- Wishlist programs for SCR
 - workforce program for migrant workers can also look at private funding
- California Jobs First funding (formerly CERF)
 - part of outreach committee but not receiving funding directly
 - opens up to additional funding in future SCR should track

Action Plan for Next Steps

- Still time to sign Coalition Letter
- Spread the Word



Closing Remarks

Lujuana Medina, Los Angeles County















SoCalREN Podcast & Social



Don't forget to listen to SoCalREN's podcast and follow us on social media!











- SoCalREN's eighteenth episode of ReEnergizing Communities recently released titled The Future of Women in Energy!!
- Currently available on <u>Spotify</u> and <u>Apple</u> <u>Podcasts</u> platforms

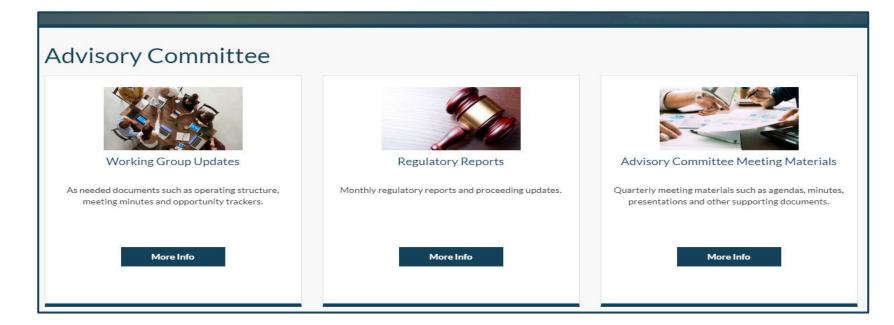
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Online Resource for Advisory Committee Members





2024 Meeting Proposed Schedule



| Date | Time | |
|----------------|--|--|
| March 20th | Virtual 10:30 am - 12 pm | |
| August 8th | In-person - SGVCOG Offices 10:30 am - 2:30 pm | |
| September 25th | Virtual 10:30 am - 12 pm | |
| December 11th | Virtual 10:30 am - 12 pm | |

Please take a minute to complete our August 2024 Meeting Survey!



Adjourn













