

SoCalREN Advisory Committee Meeting

Wednesday, March 22, 2023 10:30 am - 12:00 pm

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 Presley Aviles at paviles@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 so we can unmute you.
- If you would not like to be unmuted, send us your question or comment through the chat!



Participants



Who is participating today?

Advisory Committee Members







COUNCIL OF GOVERNMENTS























Invited Guests





GR®UNDED

SoCalREN Staff, Implementers & **Regional Partners**

















SoCalREN Advisory Committee



Guide and Advise



Collaborate & Innovate



Be Informed



Be an Advocate



Agenda

SoCalREN Welcome	Minh Le	5 min
Networking	All	10 min
Regulatory Updates	Patrick Ngo	20 min
Latest Grant Opportunities - Follow the Money	Angie Hacker	20 min
Grant Best Practices & eSGV Case Study	Nicholas Ryu	25 min
Closing Remarks	Lujuana Medina	10 min
Adjourn		





SoCalREN Welcome

Minh Le, Los Angeles County

Breakout Rooms Quick Connect



- Are you attending an in-person conference this year? Which one(s)?
- Are there any grants you are currently pursuing or recently secured this year? Which one(s)?





Regulatory Updates

Patrick Ngo, Lincus

A.22-03-011 - SoCalREN 2024-2031 Business Plan



What: Authorization and funding for 2024-2031 EE programs

What's new:

- ALJ canceling several 2023 procedural events (1/30)
 - ☐ Status conference, Evidentiary hearing, Briefs
- PD on <u>reducing incentives</u> for EE gas measures (3/3)
 - □ 2022 <u>Staff Proposal</u>

What's next:

- Final Party Comments due April 3. Replies due April 10.
- Final Decision expected by Q3 2023

Phasing Out EE Natural Gas Incentives



What: Additional action is needed for CA to meet it's decarbonization goals

Aug 2022 Staff Proposal provided draft schedule for 10-year incentive phase out.

March 2023 PD Proposes:

- Eliminating incentives for Residential and Commercial New Construction measures starting in 2024
- Developing Technical Guidance on Viable Electric Alternative
- Market Studies on low-income customer impact

What's next:

- Opening Comments due 3/23
- Replies due 3/30



R.13-11-005 EE Rolling Portfolio / CAEECC



Recent Development	Impact to LG & Constituents Served
PD on CAEECC Compensation Task Force Motion	Use unspent EE funds to allow underrepresented stakeholders to participate in EE proceeding
Draft CPUC <u>Equity + Clean Energy Grant Programs</u>	Grants: Public Participation Equity Engagement Clean Energy Access
• <u>D.23-02-002</u> – EE Issues	Expands Strategic Energy ManagementIOU-REN Data Sharing
Year 4 REN Evaluation Study	 Draft report expected by March To support development of REN performance metric

What's next:

Focus is on Business Plan review



R.20-08-020 - NEM Net Billing Tariff



What: Tariff for customers who generate their own energy and receive credit for any surplus exported to the grid

What's new:

- D.22-12-056 adopts new tariff structure (12/15)
 - Reduces credit customers receive for exports to the grid
 - ☐ Additional credit adder for residential and low-income customers
 - ☐ Encourages solar + battery storage systems w/ 9-year payback
- Several requests for D.22-12-056 to be reheard by CPUC
- CPUC to develop additional record on Virtual Net Energy Metering (VNEM) and Net Energy Metering Aggregation (NEMA)

What's next:

- Develop VNEM and NEMA tariffs (2023)
- Awaiting CPUC response on rehearing requests







Proceeding #	Proceeding Topic	Update
R.19-09-009	Microgrids	 Proposed Decision on Microgrid Incentive Program (MIP) (2/09) Commission vote held until April 6
R.20-08-022	Clean Energy Financing	Awaiting PD on 2022 program proposals
A.12-12-009	SCE Building Electrification Program	Review of \$680M Application ongoingPD expected by April 2023
R.22-07-005	Advance Demand Flexibility through Electric Rates	PD to adopt Rate and Demand Flexibility design principles (3/17)
R.21-06-017	Modernize Grid for High DER Future	Kicking off Track 1: Distribution Planning Process
R.18-12-006	Vehicle Electrification	Complying with <u>D.22-11-040</u> to set up 2025-2029 funding cycle





Latest Grant Opportunities Follow the Money

Angie Hacker, CCEC



Latest Grant Opportunities – Follow the Money

SoCalREN Advisory Committee

Wednesday, March 22, 2023 | 10:30am





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)
- NEW FY 23-24 Budget (<u>letter opposing \$6B in cuts to climate programs</u>)
- Other legislative action (e.g. <u>SB 852</u> local climate resilience financing districts, <u>NEW SB 511</u> statewide local GHG inventories)
- State agency proceedings (e.g. *CPUC microgrid, <u>CEC IEPR</u>, *<u>CARB Scoping Plan</u>)

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)
- NEW Biden's Proposed FY 23-24 Budget (\$52.2B climate change)

Policy Drives Investment



Agencies Scope/ Design Assistance Programs & Gather Input



Applicants Apply to Funding Solicitation

Funding

- OPR: Adaptation Planning Grant (Round 1: \$10M) due March 31, 2023
- SGC: Affordable Housing Sustainable Communities (AHSC) (\$750M) due April 4, 2023
- EPA: Environmental Justice Collaborative Problem-Solving (EJCPS) due April 10, 2023
- EPA: Environmental Justice Government-to-Government Program (EJG2G) due April 10, 2023
- EPA: <u>Climate Pollution Reduction Grants (CPRG)</u> Metro area Notice of Intent due April 28, 2023, application due May 31, 2023
- DOE: <u>Energy Efficiency and Conservation Block Grant (EECBG)</u> (\$550M IILJ) fill out Pre-award Information Sheet by April 28, 2023 -DOE: <u>Buildings Upgrade Prize (Buildings UP) Phase 1</u> winners selected March-May until funds are expended
- CEC: CA Automated Permit Processing Program (CalAPP) (\$20M) due May 2, 2023
- SCG: Transformative Climate Communities due August 1, 2023, free TA available now
- IRS: Consumer clean energy tax credits live!

On the horizon ... (applications anticipated in next 3 months)

- OPR: Regional Resilience Planning & Implementation Grant Round 1: \$25M NOFA Spring 2023
- DOE: Energy Efficiency and Conservation Block Grant (EECBG) (\$550M IILJ) Competitive Q1 2023
- DOE: Building Codes Implementation for Efficiency and Resilience TBD
- DOE: <u>Home Energy Rebate Program</u> (IRA, \$582M allocated to CA) see <u>summary</u> (\$582 State allocation)
- EPA: EPA's Environmental and Climate Justice Program Summer 2023
- EPA: GreenHouse Gas Reduction Fund Summer 2023

<u>Input</u>

- SGC: <u>Draft Round 2 Regional</u> <u>Climate Collaboratives Program</u> <u>Guidelines</u> - Comment period ends April 15, 2023
- CARB/CCEC Listening Sessions: Addressing Obstacles to Local Climate Action Planning - April 26, 2023 (more details to come)
- CEC Home Energy Rebate Programs Workshops (more details to come)

Other Assistance

- CivicWell: <u>CivicSpark</u> Apply to host a fellow
- Access Clean CA: <u>EV Incentives</u> <u>Benefits Tool</u>



IRA-Funded EPA Climate and Environmental Justice Programs



Below are EPA's climate and environmental justice programs under the Inflation Reduction Act relevant to state and local governments, tribes, and community-based organizations.

<u>Environmental Justice Government-to- Government Program (EJG2G)</u> (\$70M)

<u>Eligible</u>: Partnerships between State, Local, Tribal Governments and CBOs

<u>For</u>: Building collaborative partnerships with other stakeholders (e.g., local businesses and industry, local government, medical service providers, academia, etc.) to develop solutions to environmental or public health issue(s) at the community level.

Max Award: \$1 million Apply by: April 10, 2023

Climate Pollution Reduction Grants (CPRG) Program (\$5B)

<u>Eligible</u>: States, territories, tribes, air pollution control agencies, and local governments

<u>For:</u> Developing and implement plans for reducing greenhouse gas emissions and other harmful air pollution.

Max Award: Pending program guidelines

Apply by: Metro area Notice of Intent for Non-competitive planning

grants due April 28, 2023, application due May 31, 2023

Environmental Justice Collaborative Problem-Solving (EJCPS) (\$30M)

Eligible: CBOs

<u>For:</u> Gov activities that lead to measurable environmental/public health impacts in communities disproportionately burdened by environmental harms

Max Award: \$500,000 Apply by: April 10, 2023

Environmental and Climate Justice Block Grant Program (\$3B)

<u>Eligible</u>: CBOs or partnerships between CBOs and Tribe, local government or institute of higher education

<u>For:</u> Financial and technical assistance to carry out environmental and climate justice activities to benefit disadvantaged communities (e.g. mitigating air pollution and climate/health risks, climate resilience, facilitating State/fed engagement)

Max Award: \$500,000 Apply by: TBD Summer



DOE Energy Efficiency and Conservation Block Grant



New activity

added by IIJA

Emission Transportation (and associated

infrastructure) Measures

15. Any Other Appropriate Activity

Formula: Eligible Local Governments

Alternative 1

- Cities >35,000 people OR in the top 10 highest populated cities in the state
- Counties > 200,000 people or in the top 10 highest populated counties in the state

Alternative 2

Cities > 50,000 or counties >200,000 people

Fill out Pre-award Information Sheet by April 28, 2023

Competitive: Eligible Local Governments

- Cities < 50,000 people and NOT in the top 10 highest populated cities in the state
- Counties with populations < 200,000 and NOT in the top 10 highest populated counties in the state

Eligible Uses Span Wide Range - Strategy Development to Clean Energy Deployment Eligible Uses of Funds 1. Strategy Development 10. Material Conservation Programs 2. Technical Consultant Services 11. Reduction and Capture of Methane and Greenhouse Gases 3. Building Energy Audits 12. Traffic Signals and Street Lighting 4. Financial Incentive Programs 13. Renewable Energy Technologies on Government 5. Energy Efficiency Retrofits 6. Energy Efficiency and Conservation Programs for 14. Programs for Financing, Purchasing, and Installing **Buildings and Facilities** Energy Efficiency, Renewable Energy, and Zero-7. Development and Implementation of

Transportation Programs

U.S. DEPARTMENT OF ENERGY

8. Building Codes and Inspections

9. Energy Distribution Tech. for Energy Efficiency

OFFICE OF STATE AND COMMUNITY ENERGY PROGRAM



DOE Buildings Upgrade Prize



The Buildings Upgrade Prize (Buildings UP)

Launched in January 2023, Buildings UP is designed to rapidly scale energy efficiency and efficient electrification building upgrades in communities across the country. The prize is envisioned to consist of four phases over approximately five years.





Phase 1: Concept

- \$22M+ in Prizes to Teams + Technical Assistance
- Applications due by July 18, 2023
- Seeking 20–60 teams to join the "coopetition."



www.heroX.com/buildingsUP

Buildings UP | U.S. Department of Energy



DOE Grid Resilience and Innovation Partnerships (**GRIP**)

2023



Grid Resilience Funding Available through BIL

Formula Grants	Funding Amount	Next Milestones
Grid Resilience Formula Grants Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening (Sec. 40101(d))	\$2.5 billion	Application open until March 31st,
GRIP Program	Funding Amount	Next Milestones
Grid Resilience Industry Grants Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening (Sec. 40101(c))	\$2.5 billion	RFI/draft FOA for utilities and in August 2022. Comments di
Smart Grid Grants Deployment of Technologies to Enhance Grid Flexibility (Sec. 40107)	\$3 billion	RFI/draft FOA released in Aug 14, 2022
Grid Innovation Program Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency (Sec. 40103(b))	\$5 billion	RFI/draft FOA released in Aug 14, 2022

3. Grid Innovation Program

\$5B Total (\$1 billion/year for FY22-26) FY22 and 23: Up to \$2 Billion

- Demonstrate innovative approaches to transmission, distribution, and storage to harden and enhance resilience and reliability; and
- Demonstrate new approaches to enhance regional grid resilience implemented through States by public and rural electric cooperative entities on a cost-shared basis

Eligible Entities:

- a State:
- a combination of 2 or more States:
- an Indian Tribe;
- a unit of local government;
- a public utility commission

Cost Share: 50% Minimum



Opportunity Spotlight (State)

OPR Adaptation and Resilience Grants



Adaptation Planning Grant Program (\$8M in competitive grants)

Eligible: Local and regional public agencies, special districts, non-profits, joint powers authorities, and California Native American Tribes

For: Identifying climate resilience priorities, and support the development of climate resilient projects across the state.

Max Award: \$650,000 Apply by: March 31, 2023

Regional Resilience Planning and Implementation Grant Program (\$21.3M for Round 1 in competitive grants)

Eligible: Local public entities, California Native American Tribes, and Community-Based Organizations (CBOs)

For: Regional-scale climate change resilience planning activities and implementation projects

Max Award: \$150,000 for Planning, \$800,000 for Implementation

Apply by: Intent to apply survey open (+ request for help) now; NOFA anticipated April 26, 2023



Opportunity Spotlight (State)

SGC Climate-related Programs



Affordable Housing Sustainable Communities (AHSC) (\$750M in competitive grants for Round 7) - due April 4, 2023

Eligible: A locality, developer or program operator, Tribal entity

<u>For:</u> Projects (esp in DACs/LI communities) that reduce GHG emissions by supporting more compact, infill development patterns, encouraging active transportation and transit usage, and protecting Agricultural Land from sprawl development. Project area types: Transit-oriented Dev, Integrated Connectivity, and Rural Innovation

Max Award: \$50M Apply by: April 4, 2023

Regional Climate Collaboratives (\$8.5M in competitive grants for Round 2)

Eligible: California Native American Tribes, community-based organizations and non-profits, local public agencies, small businesses, etc For: Partnership development, project and plan development, establishment of technical assistance programs or hubs to pursue climate funding, data collection, training and education

Max Award: Small grants \$999,999; Large grants \$1.75M Apply by: TBD, comment on draft guidelines by April 15, 2023

<u>Transformative Climate Communities</u> (\$99.2M in competitive grants for Round 5)

<u>Eligible</u>: CBOs, local governments, non-profit organization, joint powers authorities, councils of governments, etc (multiple applicants required)

For: Empowers communities most impacted by pollution to choose their own goals, strategies, and projects to reduce greenhouse gas emissions and local air pollution. Planning Grant addresses priority planning issues and prepares for future funding opportunities (up to 2 yrs). Project Development Grant funds pre-development activities (up to 2 yrs). Implementation Grants funds holistic proposals with multiple strategies and projects (up to 5 yrs)

Max Award: Planning: \$300K, Project Development:

\$5M, \$29.5M

Apply by: August 1, 2023, free TA available now



Opportunity Spotlight (State)



Visit https://accesscleanca.org

etwork

Join us!

- Next LERN meeting April 11, 2023
 - Share <u>invitation</u> with others
- Check out our <u>Funding Resources</u> and <u>Resource Library</u>
- Sign up for <u>wEEKly update</u>
- Join our <u>LinkedIn Peer-to-Peer Group</u>

Contact me at <u>ahacker@civicwell.org</u>



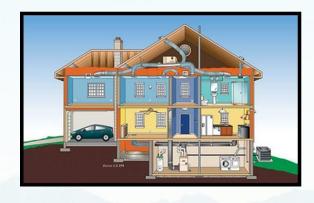
Grant Best Practices & eSGV Case Study

Nicholas Ryu, SGVCOG



eSGV Program

- The eSGV Program provides free home energy efficiency reviews for renters and homeowners in the SGV to save energy & money.
 - The program assists residents in developing short and long-term energy efficiency plans during an appointment (either online or at the person's residence in-person).
 - SGVCOG staff identify opportunities for reducing energy consumption using a checklist and provide residents with information on applicable rebate and incentive programs.
 - Rebates can include local utilities, state, federal, and even SoCALREN programs.
 - New Renter's Tip Guide
 - eSGV appointments can be made online via <u>sgvcog.org/esgv</u> and take roughly 30 minutes to 1 hour to complete.







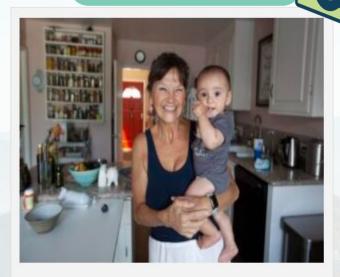
eSGV Checklist

	Building Materials	Roof, attic, insulation, windows, doors, and basement/crawlspace
	Heating and Cooling	Heating Ventilation and Air Conditioning (HVAC) systems (i.e. "central air") room air conditioners, thermostats, fans, and heaters
\$	Lighting	Light bulbs and lighting fixtures
0	Kitchen Appliances	Refrigerator, freezer, oven/stove, dishwasher, and small kitchen appliances
2	Laundry Appliances	Washing machine and clothes dryer
0	Home and Office Electronics	Televisions, home theater equipment, stereos, computers, gaming equipment, and plug loads
	Indoor Water Usage	Faucets, showers/bathtubs, water heaters, and toilets
#	Outdoor Water Usage	Landscaping, rainwater capture, and pools

eSGV Highlights

- CY 2022 Goal of 40 Accomplished!
- CY 2023 Goal of 60 In Progress
 - 12 completed in 3 cities
 - The Cities of Alhambra,
 Claremont, El Monte, and South
 Pasadena are partnering with us
 to help promote the eSGV
 program to their city residents

SGVCOG's eSGV program was featured in the Claremont Courier on August 5th, 2022!



Claremont resident Riki Wolf holds her grandson Mateo Medak in the kitchen of the home she shares with her husband Ken Wolf.

Recently the couple had a free energy audit of their home under a new program called Efficient San Gabriel Valley. COURIER photo/Steven Felschundneff



eSGV Timeline

- March 2015 The SGVCOG launched EASY (Energy Assessments for Your Home)
 - Joint venture funded as the SGV EnergyWise partnership with SoCAL Edison and SoCALGas.
- 2022 EASY rebranded as eSGV (Efficient San Gabriel Valley)
 - Partnership with SOCALREN as an initiative







SGVCOG Program Funding Structure

- Largely a grants and externally-funded organization
 - If we just collected funding from our member cities for general activities, we'd have about 4 staff vs. 40 current employees
- Funding sources include:
 - Member city dues
 - City or JPA specific funding via partnership agreements/MOAs
 - County Measures (Measure H, Measure W, etc...)
 - State Grants (CalTrans, CalRecycle, CPUC, etc...)
 - Federal Grants and Earmarks



SGVCOG Program Funding Examples

Regional Energy Efficiency Programs

- Funded via the SoCALREN energy partnership
- Previous energy efficiency projects funded by local utility partnerships (SoCal Edison and SoCalGas).
- Identifying grants through the DOE, DOT, CPUC, and CalTrans on grants related to renewable energy, energy storage, and EV infrastructure.

Regional Water Resilience Program

- Funded via a MOA between member cities in a regional watershed/stormwater compliance program (Upper LA River).
- Funded for special studies through an annual competitive funding cycle and municipal program funds through LA County's Safe Clean Water Program (formerly Measure W).



SGVCOG Program Funding Examples

Regional Food Recovery Program

- Funded via general fund accounts through city MOAs for program implementation to achieve SB 1383 compliance.
- Applied for federal earmark funding through Senator Padilla's and Senator Feinstein's offices.
- Actively awaiting CalRecycle implementation grants for this year.

Fire Prep SGV

- Funded via a Regional Mountains Conservancy Outreach and Education grant.
- Funded through two CalFIRE grants for outreach and education and to develop a regional community wildfire prevention plan.



SGVCOG Program Funding Examples

Neighborhood Coyote Education Program

- Funded via general fund accounts through city MOAs for program implementation.
- Applying for a DOI Wildlife Grant.
- Searching for more city participation and funding to expand the program.

Regional Broadband Program

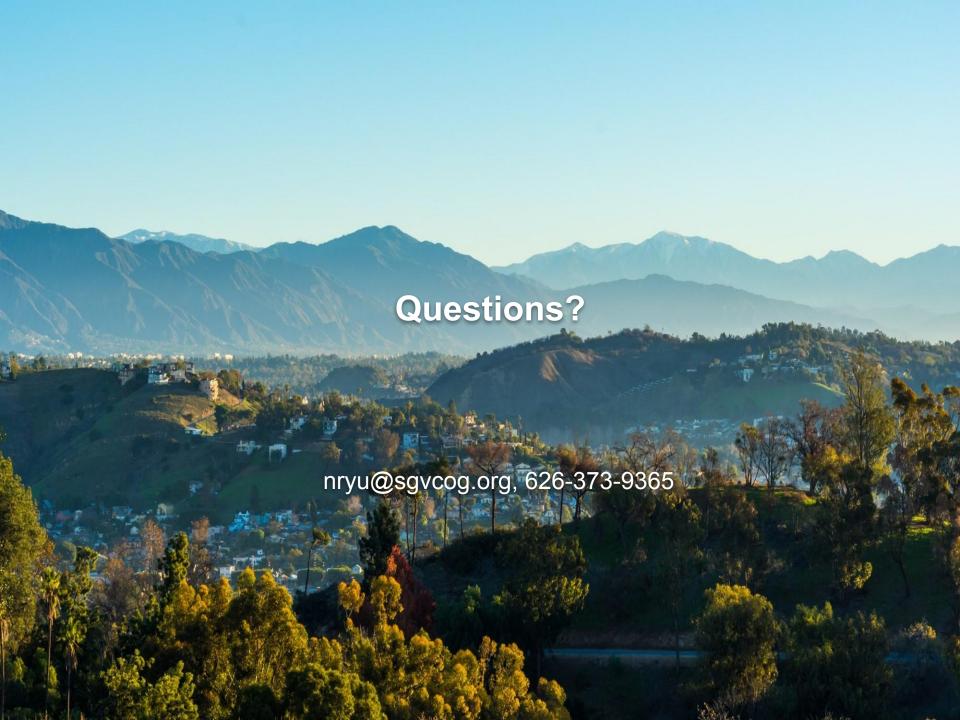
 Funded via a CPUC Local and Technical Assistance Grant for a regional broadband needs assessment and strategic plan.



JPA Funding Tips and Strategies

- Identify grant applications that are eligible for JPAs or coordinate applications with cities or other partners that can apply on behalf of your JPA.
- Consider funding opportunities from other JPAs.
- Determine if applications can be completed by staff or consultants.
- Assess if funding sources can be renewed annually or have expiration dates.
- Develop applications that account for at least 10% of funding going towards JPA staff time and overhead costs.
- Assess funding amounts to apply for that can have your program last multiple years.
- Develop letters of support from partners, member agencies, etc. that understand the importance of a JPA.







Closing Remarks

Lujuana Medina, Los Angeles County Laurel Rothschild, The Energy Coalition

Save the Date: September 6!





SoCalREN

Empowering Sustainable Communities

SoCalREN Leadership Awards Luncheon

Celebrating 10 years of Empowering Sustainable Communities

Wednesday, September 6th **Downtown Los Angeles**

Formal Invitation to Follow

Advisory Committee Meeting that Afternoon



SoCalREN Podcast & Social



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











- SoCalREN's fourteenth episode of ReEnergizing Communities recently released featuring Kits for Kids!
- Currently available on <u>Spotify</u> and <u>Apple</u> <u>Podcasts</u> platforms

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@_SoCalREN



Online Resource for Advisory Committee Members



Advisory Committee



Working Group Updates

As needed documents such as operating structure, meeting minutes and opportunity trackers.

More Info



Regulatory Reports

Monthly regulatory reports and proceeding updates.

More Info



Advisory Committee Meeting Materials

Quarterly meeting materials such as agendas, minutes, presentations and other supporting documents.

More Info



2023 Meeting Proposed Schedule



Quarter	Date	Time
Q1	March 22nd	10:30 am - 12 pm
Q2	July 12th	10:30 am - 12 pm
Q3	September 6th	3:00 pm - 4:30 pm (in-person)
Q4	December 13th	10:30 am - 12 pm

Please take a minute to complete our Q1 2023 Meeting Survey!

