

# C/CAG

## CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

*Atherton • Belmont • Brisbane • Burlingame • Colma • Daly City • East Palo Alto • Foster City • Half Moon Bay • Hillsborough • Menlo Park  
Millbrae • Pacifica • Portola Valley • Redwood City • San Bruno • San Carlos • San Mateo • San Mateo County • South San Francisco • Woodside*

### Committee Meeting Notice

#### Resource Management and Climate Protection Committee (RMCP)

**Date:** Wednesday, **November 16, 2022**

**Time:** 3:00 p.m.

**Location:** Remote meeting via Zoom link below

On September 16, 2021, the Governor signed AB 361, which amended certain provisions of the Ralph M. Brown Act in order to allow for local legislative bodies to conduct their meetings remotely via telephonically or by other electronic means under specified circumstances. Thus, pursuant to Government Code section 54953(e), C/CAG Committee meetings will be conducted via remote conferencing. Members of the public may observe or participate in the meeting remotely via one of the options below.

#### **Join by Zoom:**

<https://us02web.zoom.us/j/81592976513?pwd=cExkVkl6d3N4ZzIjBTjViZiJTdzJlZz09>

Meeting ID: **815 9297 6513**

Password: **510953**

#### **Join by Phone:**

Call in Number: **(669) 900-6833**

Meeting ID: **815 9297 6513**

Find your local number: <https://us02web.zoom.us/j/81592976513?pwd=cExkVkl6d3N4ZzIjBTjViZiJTdzJlZz09>

Persons who wish to address the RMCP Committee on an item to be considered at this meeting, or on items not on this agenda, are asked to submit written comments to [kspringer@smcgov.org](mailto:kspringer@smcgov.org). Spoken public comments will also be accepted during the meeting through Zoom. Please see instructions for written and spoken public comments at the end of this agenda.

# AGENDA

1. Brief Overview of Teleconference Meeting Procedures
2. Roll Call and Introductions
3. Public Comments on items not on the agenda
4. Approval of minutes of the October 19, 2022 RMCP Committee meeting.  
(Kim Springer – Committee Staff) Action
5. Presentation of Peninsula Clean Energy’s initiatives and 2035 Decarbonization Feasibility & Plan.  
(Rafael Reyes. PCE) Information/Discussion
6. Bay Area Water Supply and Conservation Agency update on water supply and drought conditions in San Mateo County and the BAWSCA Water Supply Reliability Roundtable.  
(Tom Francis, BAWSCA) Information/Discussion
7. Presentation on project comparisons and proposed next steps for the Residential Case Studies Project.  
(Susan Wright, County OOS) Information/Discussion
8. Committee Member Updates
9. Next Scheduled Meeting Date: December 21, 2022

**PUBLIC NOTICING:** All notices of C/CAG regular Board meetings, standing committee meetings, and special meetings will be posted at the San Mateo County Court Yard, 555 County Center, Redwood City, CA, and on C/CAG’s website at: <http://www.ccag.ca.gov>.

**PUBLIC RECORDS:** Public records that relate to any item on the open session agenda for a regular Board meeting, standing committee meeting, or special meeting are available for public inspection. Those public records that are distributed less than 72 hours prior to a regularly scheduled meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members, of the Board or committee. The Board has designated the City/County Association of Governments of San Mateo County (C/CAG), located at 555 County Center, 5th Floor, Redwood City, CA 94063, for the purpose of making public records available for inspection. Such public records are also available on C/CAG’s website at: <http://www.ccag.ca.gov>. Please note that C/CAG’s office is temporarily closed to the public; please contact Mima Guilles at (650) 599-1406 to arrange for inspection of public records.

**PUBLIC PARTICIPATION DURING VIDEOCONFERENCE MEETINGS:** Persons with disabilities who require auxiliary aids or services to participate in this meeting should contact Kim Springer (650)393-9359, five working days prior to the meeting date.

Written comments should be emailed in advance of the meeting. Please read the following instructions carefully:

1. Your written comment should be emailed to [kspringer@smcgov.org](mailto:kspringer@smcgov.org) with the subject line: "RMCP Written Comments."
2. Your email should include the specific agenda item on which you are commenting or note that your comment concerns an item that is not on the agenda.
3. Members of the public are limited to one comment per agenda item.
4. The length of the emailed comment should be commensurate with the two minutes customarily allowed for verbal comments, which is approximately 250-300 words.
5. If your emailed comment is received at least 2 hours prior to the meeting, it will be provided to the C/CAG Committee members and made publicly available on the C/CAG Committee website along with the agenda and read aloud by C/CAG staff during the meeting. Emails received less than 2 hours before the meeting will be provided to the RMCP Committee members and included in the administrative record of the meeting as soon as practicable.

Spoken comments will be accepted during the meeting through Zoom. Please read the following instructions carefully:

1. The RMCP Committee meeting may be accessed through Zoom at the online location indicated at the top of this agenda.
2. You may download the Zoom client or connect to the meeting using an internet browser. If using your browser, make sure you are using a current, up-to-date browser: Chrome 30+, Firefox 27+, Microsoft Edge 12+, Safari 7+. Certain functionality may be disabled in older browsers including Internet Explorer.
3. You will be asked to enter an email address and name. We request that you identify yourself by your name as this will be visible online and will be used to notify you that it is your turn to speak.
4. When the Committee Chair calls for the item on which you wish to speak, click on "raise hand." The Committee staff or Chair will activate and unmute speakers in turn. Speakers will be notified shortly before they are called on to speak.
5. When called, please limit your remarks to the time allotted.

If you have any questions about this agenda, please contact C/CAG staff:

*Executive Director: Sean Charpentier* [scharpentier@smcgov.org](mailto:scharpentier@smcgov.org)

*RMCP Committee Staff: Kim Springer* [kspringer@smcgov.org](mailto:kspringer@smcgov.org)

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### **Draft Meeting Minutes**

#### Resource Management and Climate Protection Committee (RMCP)

**Date:** Wednesday, October 19, 2022

#### **Committee Members in Attendance:**

Maryann Moise Derwin - Portola Valley  
Rick DeGolia - Atherton  
Diane Papan – San Mateo  
Sue Beckmeyer – Pacifica  
Ortensia Lopez - El Concilio  
Tom Francis – BAWSCA  
Christine Kohl-Zaugg – Sustainable San Mateo County  
Jeff Smith – Sares Regis Group

#### **Committee Members not in Attendance**

Don Horsley - San Mateo County Supervisor  
Bill Chiang - PG&E  
Alex Fernandez – Filoli  
Deborah Ruddock – Half Moon Bay  
Donna Colson – Burlingame

#### **Additional Attendees**

Kim Springer – C/CAG  
Sean Charpentier – C/CAG  
Kim Wever – C/CAG  
Susan Wright – County OOS  
Patrick Gibbs - Presenter  
Michael Barber, Supervisor Pine’s Office  
Craig Lewis – Clean Coalition  
Carl Schwab – public attendee

Note: All presentations for this meeting have been posted on the C/CAG RMCP Committee website:  
<https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/>

- 1. Committee Member Updates**
- 2. Next Scheduled Meeting Date: November 16, 2022**
- 3. Brief Overview of Teleconference Meeting Procedures**

Committee staff provided a brief overview of teleconference meeting procedures.

**4. Roll Call and Introductions**

Committee staff completed Roll Call and a quorum of eight Committee members was achieved, allowing voting on agenda action items.

**5. Public Comments on items not on the agenda**

There were no public comments.

**6. Approval of minutes of September 21, 2022 RMCP Committee meeting.**

The Committee voted to approve the minutes of the September 21, 2022 Committee meeting minutes through a roll call vote. Motion by Committee member Beckmeyer, with second by member Lopez, passed (8,0,0). Member DeGolia was not present for the vote.

**Presentation on National Renewable Energy Labs SolarAPP+ software application for streamlining solar permitting. (Patrick Gibbs, NREL))**

Kim Springer introduced speaker, Patrick Gibbs, from National Renewable Energy Labs (NREL) and how this item is a follow on to a presentation made by the California Energy Commission at RMCP in August.

Patrick Gibbs, gave a presentation on the NREL-developed permitting streamlining application called SolarAPP+. NREL worked with multiple agencies and cities to develop the application, which has shown itself, in practice, to greatly increase both the use of permits and a positive role in economic development. The application can handle approximately 80% of the solar permits submitted to cities, through features customized to the jurisdiction's needs and requirements. In San Mateo County, the City of Belmont is in a pilot phase after installing the application. The application can save considerable jurisdiction staff time for permitting and speeds the process of site solar installation, with no additional load for site inspection staff.

There are two versions of the SolarAPP+: one that stands alone, if a jurisdiction has no automated system, and one that can be integrated into an existing online permitting system. Mr. Gibbs also mentioned the CEC CalAPP grant opportunity, which was presented previously by CEC staff in August.

Committee member asked questions including how long does it take to implement the application, if there is a plan for a wide rollout of the app in San Mateo County, how fire or other jurisdiction departments engage in the app.

Mr. Gibbs then gave a demonstration of the app from a contractor's perspective.

**7. Presentation on San Mateo County Shared Micromobility Feasibility Study and Implementation Plan.**

C/CAG staff, Kim Wever, Transportation Systems Specialist, provided a presentation on the Shared Micromobility Feasibility Study, which is in its last stages of completion. Micromobility programs provide access to shared last-mile equipment, such as scooters and bikes, to improve linkage with transit and priority areas for goods and services. Typically, making use of micromobility involves signing up with the service, checking out a vehicle, using the vehicle, and locking it up at the end of the trip. The Study involved engaging stakeholders and the community to set goals for an eventual pilot program. Based on these program goals, a feasibility analysis was

completed, and the overall Study indicates that a shared micromobility program is feasible in San Mateo County. Program partners were engaged through the analysis. The recommendation is to launch a multi-jurisdiction pilot, with a program manager lead, which was indicated likely as C/CAG with support of a governance committee.

Based on the Study, development of a pilot is underway. The priority vehicle is e-bike, and other vehicles, such as scooters could also be included. A vendor to supply and maintain the vehicles and program offerings will need to be procured. Ms. Wever also presented priority service areas, the timeline moving forward, and the next steps for the program.

Committee members asked questions about how the various cost were established, C/CAG's current and future role, the need for a program like this on the coastside and in Pacifica, and how a bike path "over the hill" to connect the coastside and the bay side is needed.

C/CAG staff added that funding is being sought to fund more bike lanes, how micro-transit might connect communities and carry e-bikes, and other C/CAG efforts to support mode shift in San Mateo County.

**8. Receive a presentation on C/CAG's Equity Assessment and Framework Development project and draft Equity definition.**

Kim Springer, Committee staff and Transportation Systems Coordinator at C/CAG, provided an overview of C/CAG's Equity Assessment and Framework Development Project. The presentation included the project scope and timeline, engagement efforts to day, who has participated, the documents produced to date, how C/CAG intends to work with the consultant to identify Equity Priority Communities, and a draft definition of Equity for the Committee to consider and for discussion. Mr. Springer shared the Draft Equity Definition with the Committee for feedback and discussion.

Committee members and the public provided feedback and asked questions, including suggestion to align the equity definition with those of the federal government to leverage Federal Reduction Act, how DAC Communities might not be the best approach to defining equity communities even though federal dollars through the State may be influenced by definitions, but DAC would not capture the pockets of poverty in San Mateo County, use of AMI as a better approach, and consideration of Energy Poverty.

**9. Committee Member Updates**

There were no Committee member updates.

**10. Next Scheduled Meeting Date: November 16, 2022**

Note: All presentations are posted on the C/CAG RMCP Website at:

<https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/>

# C/CAG AGENDA REPORT

**Date:** November 16, 2022  
**To:** Resource Management and Climate Protection Committee  
**From:** Rafael Reyes, Peninsula Clean Energy  
**Subject:** Presentation of Peninsula Clean Energy’s initiatives and 2035 Decarbonization Feasibility & Plan.

(For further information contact Kim Springer at [kspringer@smcgov.org](mailto:kspringer@smcgov.org))

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## **RECOMMENDATION**

Receive a presentation on Peninsula Clean Energy residential customer electrification messaging and segmentation research findings for San Mateo County.

## **FISCAL IMPACT**

None

## **BACKGROUND/DISCUSSION**

Peninsula Clean Energy (PCE) is the community choice aggregator for San Mateo County, providing clean electricity for most customers in San Mateo County. Their target for 24/4 100% renewable is in calendar year 2025. Electrification of both buildings and transportation is key for customers and our entire San Mateo County community to greatly reduce carbon emissions, leveraging this clean energy target date.

In September 2021, PCE’s Board adopted a new target supporting the region in reaching 100% decarbonization in buildings and transportation by 2035 and directed staff to analyze the feasibility of that target and return with an assessment and plan. PCE staff worked, in detail, over a period of 12 months to analyze the feasibility of reaching a 2035 100% decarbonization goal and determined that it may not be feasible. The resulting analysis was presented to the PCE Board on September 22, 2022.

Rafael Reyes, Director of Energy Programs at Peninsula Clean Energy, will provide and overview of PCE’s efforts to supply clean energy, a short overview of PCE’s existing programs, the recently completed 2035 Decarbonization Feasibility & Plan, and what new programs are likely to be put in place to have meet decarbonization goals in San Mateo County.

A link to a PowerPoint presentation of PCE’s 2035 Decarbonization Feasibility & Plan is provided as an attachment to this staff report. Mr. Reyes will not cover all of what is detailed in the attachment provided, but more of an overview of what was analyzed and some of the results.

## **ATTACHMENTS**

1. PCE’s 2035 Decarbonization Feasibility & Plan PowerPoint presentation:  
<https://www.peninsulacleanenergy.com/wp-content/uploads/2022/01/2022.09-BOD-2035-Decarb-Plan-Complete-Analysis-Draft-Plan.pdf>

# C/CAG AGENDA REPORT

**Date:** November 16, 2022  
**To:** Resource Management and Climate Protection Committee  
**From:** Tom Francis, BAWSCA, RMCP Committee Member  
**Subject:** Bay Area Water Supply and Conservation Agency update on water supply and drought conditions in San Mateo County and the BAWSCA Water Supply Reliability Roundtable.  
  
(For further information contact Kim Springer at [kspringer@smcgov.org](mailto:kspringer@smcgov.org))

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## **RECOMMENDATION**

Receive a Bay Area Water Supply and Conservation Agency update on water supply and drought conditions in San Mateo County, and an update on BAWSCA's Water Supply Reliability Roundtable efforts.

## **FISCAL IMPACT**

None

## **BACKGROUND/DISCUSSION**

The Bay Area Water Supply and Conservation Agency (BAWSCA), which represents the 26 wholesale customers of the San Francisco Regional Water System, has been working with C/CAG staff on issues relating to water conservation and supply.

Tom Francis, who last presented to the RMCP Committee on May 16, 2022, will present information on water supply and drought conditions in San Mateo County. In addition, he will share details regarding recent rainfall totals both in the County as well as in the Hetch Hetchy watershed. Mr. Francis will also provide an update regarding BAWSCA's Water Supply Reliability Roundtable efforts, including details of the discussion that took place at Roundtable Workshop 3 held on November 8, 2022.

## **ATTACHMENTS**

None



# C/CAG AGENDA REPORT

**Date:** November 16, 2022  
**To:** Resource Management and Climate Protection Committee  
**From:** Tom Kabat, Consultant  
Susan Wright, County OOS  
**Subject:** Presentation on project comparisons and proposed next steps for the Residential Case Studies Project.

(For further information contact Kim Springer at [kspringer@smcgov.org](mailto:kspringer@smcgov.org))

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## **RECOMMENDATION**

Receive a presentation on project comparisons and proposed next steps for the Residential Case Studies Project.

## **FISCAL IMPACT**

None. Funding has been provided by ABAG BayREN Program for this project, to the County Office of Sustainability (OOS).

## **BACKGROUND/DISCUSSION**

The Bay Area Regional Energy Network (BayREN) is a collaboration of the nine counties in the San Francisco Bay Area. The program is led by the Association of Bay Area Governments (ABAG) and provides regional-scale energy efficiency programs, services, and resources. BayREN is funded by utility ratepayer funds through the California Public Utilities Commission, as well as other sources.

The County Office of Sustainability (OOS) contracts with ABAG for BayREN programs in San Mateo County. The Program is contracted through the current program cycle, calendar years 2020 - 2022. The BayREN program has many sub-programs being delivered in San Mateo County, including single family, residential green labeling, multifamily, water/energy nexus, commercial, and codes and standards.

At the January 20, 2021 RMCP Committee meeting, staff reported on a project to develop single-family home electrification case studies. The case studies will evaluate the challenges, opportunities, and costs of individual electrification elements (heat pump water heater, electric dryer, etc.) as well as those for adding solar, battery storage, and electric vehicle charging. At the March 17, 2021 RMCP Committee meeting, Susan Wright (OOS) updated the committee on the proposed structure of the RFP and contract for the consultant's role in the project. On October 20, 2021 the consultants provided an update on very early results from the project. On July 20, 2022 the Residential Electrification Case Studies project was again presented to share the results of an individual home, including the cost analysis.

This month, Tom Kabat, project consultant, will provide an update on the preliminary results of the case studies combined data, which offers an important comparison between individual home studies. In addition, Susan Wright, Resource Conservation Programs Manager at the County Office of Sustainability, will provide details and considerations for next steps, or “Phase 2” of this effort to make residential electrification streamlined in San Mateo County and the Bay Area region.

**ATTACHMENTS**

None.