

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*

RMCP Committee Meeting Notice

Resource Management and Climate Protection Committee (RMCP)

Meeting Location:

455 County Center, Rm. 101, Redwood City, CA 94063

Date: Wednesday, April 17, 2024 **Time:** 3:00 p.m.

*****HYBRID MEETING - IN-PERSON AND BY VIDEOCONFERENCE*****

This meeting of the RMCP Committee will be held in person and by teleconference pursuant to Government Code Section 54953(e). Members of the public will be able to participate in the meeting remotely via the Zoom platform or in person at the location above. The Committee welcomes comments, including criticism, about the policies, procedures, programs, or services of the agency, or of the acts or omissions of the Board and committees. Speakers shall not disrupt, disturb, or otherwise impede the orderly conduct of a Board meeting. For information regarding how to participate in the meeting, either in person or remotely, please refer to the instructions at the end of the agenda.

Join by Zoom:

<https://us02web.zoom.us/j/84237646736?pwd=eUxkdKduTVpjWCtTVU4yMm9iWXlnZz09>

Webinar ID: 842 3764 6736

Passcode: 923252

Join by Phone:

Call in Number: 669 900 6833 US (San Jose)

Meeting ID: 817 4604 0585

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. Spoken public comments, limited to 2 minutes, will also be accepted during the meeting through Zoom or in person. Please see instructions for written and spoken public comments at the end of this agenda.

AGENDA

1. Roll Call and Introductions, including welcoming members recently appointed by the C/CAG Board to the RMCP Committee.
2. Public Comments on items not on the agenda.
3. Approval of minutes of the March 20, 2024 RMCP Committee meeting.
(Kim Springer, Committee Staff) Action
4. Update from the Bay Area Water Supply and Conservation Agency on present water supply conditions in San Mateo County. Information/Discussion
(Tom Francis, BAWSCA)
5. Presentation on PG&E programs for advancing electrification of commercial kitchen equipment. Information/Discussion
(Bill Chiang, PG&E and Committee Member)
6. Update on Hydrogen deployment in California. Information/Discussion
(Keith Malone, RE+)
7. Discussion of future meeting topics for the RMCP Committee. Information/Discussion
(Kim Springer, Committee Staff)
8. Committee Member Updates
9. Next Scheduled Meeting Date: May 15, 2024

PUBLIC NOTICING: All notices of C/CAG regular Board meetings, standing committee meetings, and special meetings will be posted at the San Mateo County Courtyard, 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 regular Board 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. 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 Crume at (650) 599-1406 to arrange for inspection of public records. ADA REQUESTS: Persons with disabilities who require auxiliary aids or services to

participate in this meeting should contact Mima Crume at (650) 599-1406 or mcrume@smcgov.org by 10:00 a.m. prior to the meeting date.

PUBLIC PARTICIPATION DURING HYBRID MEETINGS: During hybrid meetings of the C/CAG Board, members of the public may address the Board as follows:

WRITTEN COMMENTS: 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.
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. If your emailed comment is received at least 2 hours prior to the meeting, it will be provided to the RMCP Committee members, made publicly available on the C/CAG website along with the agenda. 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: Members of the public who wish to speak on matters not on the agenda will be given an opportunity to address the Committee during the agenda item titled "Public Comment on Items Not on the Agenda." Members of the public who wish to speak on a matter on the agenda will have two minutes each to address the Committee on that agenda item unless a different time limit is established by the Chair. No speaker who has already spoken on an item will be entitled to speak to that item again. At the call of the Chair, public comments will be taken in-person and remote. Public comments will be taken first by speakers in person followed by via Zoom. If you have documents you wish to distribute to the Committee and include in the official record, please hand it to the C/CAG Staff who will distribute the information to the Committee members and staff. *Those participating remotely will:

1. Access the meeting through Zoom at the online location or via phone as indicated at the top of this agenda.
2. 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. 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. Click on "raise hand" when the C/CAG Clerk or Chair calls for the item on which you wish to speak. The Clerk will activate and unmute speakers in turn. Speakers will be notified shortly before they are called on to speak. If calling in via phone, press *9 to raise your hand and when called upon press *6 to unmute.
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 (650) 599-1409
Clerk of the Board: Mima Crume (650) 599-1406

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*

Draft Meeting Minutes of the

**Resource Management and Climate Protection Committee (RMCP)
155 Bovet Rd. - Ground Floor Conference Room
San Mateo CA, 94402
Date: Wednesday, March 20, 2024 Time: 3:00 p.m.**

Committee Members in Attendance:

Tom Francis – BAWSCA (Vice Chair)
Mary Hufty – Town of Portola Valley
Kaia Aiken – City of Redwood City
Gina Papan – Millbrae
Jeff Smith – Ceres Regis Group
Alex Fernandez – Filoli
Sue Beckmeyer – Pacifica
Sarah Hubbard

Committee Members not in Attendance

Donna Colson – Burlingame (Chair)
Dave Pine – County of San Mateo
Ortensia Lopez – El Concilio - online
Bill Chiang - PG&E

Additional Attendees

Sean Charpentier – C/CAG
Kim Springer – C/CAG
Jacob Evans – Loma Prieta Chapter - Sierra Club
Carol Steinfeld – Loma Prieta Chapter - Sierra Club
Peter Drekmeier – Tuolumne River Trust
Susan Wright – County Sustainability Department
Laura Wong – County Sustainability Department
Alero Moju – County Sustainability Department
Dave Warner - Public

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/>

Meeting was called to order at 3:11 P.M.

1. Roll Call and Introductions, including welcoming members recently appointed by the C/CAG Board to the RMCP Committee.

Committee staff completed Roll Call and a quorum of eight members was eventually achieved.

2. Public Comments on items not on the agenda.

Public comments were related to water rate increases, what's the right forum for talking about water quality issues, and a judge's ruling related to lawsuits files challenging the Sta Board's adoption of the Bay Delta Plan.

3. Approval of minutes of the January 17, 2024 RMCP Committee meeting.

The January 17, 2024 minutes were adopted with one change to the date of the next meeting. A motion was made by Member Papan, seconded by Member Smith. A roll call vote was taken, (8,0,0).

4. Information only: BAWSCA Water Supply report.

No presentation

Tom Francis, Committee member and BAWSCA Water Resources Manager, provided a brief overview of the report.

5. Presentation on a CalNEXT study completed for investor-owned utilities on all-electric commercial kitchen electrical requirements.

Kim Springer, RMCP Committee staff provided a presentation on a study by CalNEXT on commercial kitchen electrification retrofits. The committee provided comments, including: how would food trucks fit into the study, if carbon pricing would be a better approach, future operating expenses after a retrofit, time span of the study, and any feedback from the restaurant industry.

6. Presentation on development of commercial kitchen electrification pilot for San Mateo County.

Laura Wong, staff at County Sustainability Department, provided a short presentation on a potential commercial kitchen retrofit case study pilot being proposed to PG&E under the San Mateo County Energy Watch program. The committee provided comments and questions, including: risk of underestimating costs, considerations about long term commercial leases, how tenant improvements work, risk for future tenants removing access to natural gas, a potential policy to redistrict use of gas, availability of equipment, cost for upgrades, potential other grant resources, opportunities to share successful completed projects, who would pay for fixtures between the tenant and the landlord, would electric food trucks be possible, need for close collaboration between local governments to avoid pushing businesses away, why the focus on small businesses, would SFO be a potential site because of all the small businesses in one location, labor fit into this, other considerations such as air quality and health, is there a marketing angle for small restaurants, potential for partial electrification projects.

Frontier Energy is invited to present of their PG&E-funded resources for commercial kitchens at the next meeting.

7. Presentation on Bay Area Regional Area Network single family energy program and redesign.

Alero Moju, from the County Sustainability Department, provided a presentation on a redesign, currently underway, for the BayREN single family energy program. Committee members provided feedback on the following: the need to do door to door selling of the program, the need for multilingual outreach, leveraging a concierge approach to reduce cost, focus on a more local contractor pool, would program budget increase with inflation, for outreach to leverage CBOs and

Item 3

religious organizations, potential for leveraging students in schools as outreach and seniors, good to see income limits higher, partnering with organizations already touching target audience, building insulation might be a cost effective approach, a copay approach seems a good idea, possibility for job creation, provide food at events, knocking on doors is more expensive but also more effective, libraries could be a good outreach approach, will more homes retrofitted occur even if not counted, can energy date be used (after the fact) to show effectiveness, and can the contractors be local in order to reduce service worker travel.

8. Discussion of future meeting topics for the RMCP Committee.

Kim Springer, Committee Staff, briefly suggested that, for this item, he send out a survey and then discuss the results at the next meeting. The Committee agreed.

9. Next Scheduled Meeting Date: April 17, 2024

Meeting adjourned at approximately 5:04 P.M.

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: April 17, 2024
To: Resource Management and Climate Protection Committee
From: Tom Francis, BAWSCA, RMCP Committee Member
Subject: Update from the Bay Area Water Supply and Conservation Agency on present water supply conditions in San Mateo County

(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Receive an update from the Bay Area Water Supply and Conservation Agency on present water supply conditions in San Mateo County.

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 and County staff on issues relating to water conservation and supply.

Tom Francis, Water Manager at BAWSCA and who is also member of the RMCP Committee and presents regularly on water matters, will provide information on water supply conditions in San Mateo County for the current water year. Specifically, he will share water supply conditions within the San Francisco Regional Water System.

ATTACHMENTS

None

C/CAG AGENDA REPORT

Date: April 17, 2024

To: Resource Management and Climate Protection Committee

From: Bill Chiang, PG&E

Subject: Presentation on PG&E programs for advancing electrification of commercial kitchen equipment.

(For further information, contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Receive a presentation on PG&E programs for advancing electrification of commercial kitchen equipment.

FISCAL IMPACT

None

BACKGROUND

PG&E has partnered with Frontier Energy for programs aimed at reducing energy use in commercial kitchen settings for over 35 years. Their main facility, which is now relocating to a new facility being built, is known as the Food Service Technology Center (FSTC). The FSTC program is a team of engineers, technicians, culinary arts experts, educators, and energy specialists.

The program provides technical expertise to food facilities and operators, and provides testing of appliances, and develops testing methods. They also provide education and training, rebates and incentives, and consultations.

Richard Young, Director at Frontier Energy, will give a quick overview of the opportunities, technologies, realities, and challenges around commercial kitchen electrification with the intent of initiating a conversation about how best to proceed with this important work, while also supporting local foodservice operators.

A link to the Frontier Energy website and the Food Service Technology Center is provided as an attachment to this staff report.

ATTACHMENTS

1. Link to the Frontier Energy website and the Food Service Technology Center:
<https://frontierfstc.com/services/>

C/CAG AGENDA REPORT

Date: April 17, 2024
To: Resource Management and Climate Protection Committee
From: Kim Springer, Committee Staff
Subject: Update on Hydrogen deployment in California.

(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

That the RMCP Committee receive an update on Hydrogen deployment in California.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

Initially, Committee staff have invited Keith Malone of the Hydrogen Fuel Cell Partnership (H2FCP), formerly the California Fuel Cell Partnership (CaFCP), a national organization, to provide an update to the RMCP Committee on the deployment of vehicles and fueling infrastructure, the general growth of the use of hydrogen as an energy source in California, and the progress of (mostly) private industry.

Since the last presentation in March 2023, Keith Malone has become the Hydrogen Program Director for RE+, an international renewable energy event and association management organizer. However, since the Hydrogen Fuel Cell Partnership has helpful resources for California, a link to the H2FCP website is provided as an attachment to this staff report. One of the resources available on the H2FCP website is a hydrogen station map. At this time, it indicates that there is only one hydrogen fueling station in San Mateo County, located on South Airport Blvd. in South San Francisco. For comparison, Santa Clara County has eight stations. The closest alternative station to True Zero 100% renewable hydrogen station in SSF is in either Mountain View or Hayward. In addition, two nearby stations in development are listed on the website: Redwood City and Los Altos.

There has been considerable movement at the Federal level through the [Inflation Reduction Act](#) and the [Bipartisan Infrastructure Law](#) (BIL), and competition for funding intended for the development of Hydrogen Hubs across the US.

Keith Malone, Hydrogen Program Manager for RE+, will provide a multi-level presentation on efforts to deploy Hydrogen in the US and California, with some direction on what to expect in the Bay Area region in the coming five to ten years.

ATTACHMENTS

1. Link to Hydrogen Fuel Cell Partnership website: <https://h2fcp.org/>

C/CAG AGENDA REPORT

Date: April 17, 2024
To: Resource Management and Climate Protection Committee
From: Kim Springer, Committee Staff
Subject: Discussion of future meeting topics for the RMCP Committee

(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

That the RMCP Committee take part in discussions about future meeting topics for the RMCP Committee

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

Last calendar year, at the February 15, 2023 RMCP Committee meeting, Committee members discussed future topics of discussion for the Committee. Staff regularly identifies topics for the RMCP Committee agendas, to provide timely discussions, to provide feedback to C/CAG or County staff on Committee topics, or to ensure that the Committee has an opportunity to provide feedback during the development of C/CAG programs or projects.

The RMCP Committee provides information and recommendations to the Congestion Management and Environmental Quality (CMEQ) Committee and the C/CAG Board on items related to resource conservation and climate action. The Committee also tracks the progress of two main C/CAG programs, the San Mateo County Energy Watch (SMCEW) and the Regionally Integrated Climate Action Planning Suite (RICAPS). The Committee also seeks to integrate equity into resource conservation and climate actions, including workforce development, access by constituents, and inclusion of community-based organizations.

The following are some categories of past presentations or themes to help guide a discussion with the Committee at this meeting. During the discussion, the Committee should identify those topics they feel are most important, add additional topics, etc.

Water:

- Water Supply and Drought
- One Water and Water Reliability
- One Water asset mapping for SMC
- Laundry to Landscape
- Status of CA regulations for onsite water recycling
- Stormwater Capture
- Groundwater and shallow groundwater issues

Energy:

- Transition or Efficiency of Buildings
 - Residential Electrification – Case Studies, resources, building code
 - San Mateo County Energy Watch updates
 - Appliance technologies
 - Reach Codes
 - Integration of equity
 - Permit Streamlining
 - Solar and Battery
 - Energy Storage technologies
 - Energy management for peak shaving and time of use management
 - Microgrids
 - Hydrogen in buildings
 - PG&E interconnection process
 - Grid capacity
- Transportation Electrification
 - Charging infrastructure
 - EV marketplace
 - Permit Streamlining
 - Incentives
 - Integration of equity
 - Deployment of Hydrogen
 - E-bike and infrastructure
- Climate Action and Adaptation
 - Countywide Carbon Neutrality planning
 - Workforce Development for climate-related economic opportunities
 - PCE Programs
 - Carbon sequestration
- General Topics
 - RICAPS updates
 - Grant proposal opportunities
 - Requests for State or Federal funding
 - Committee-related Actions
 - Legislation

At the March 20, 2024 Committee meeting, staff shared that they would send out a survey on the above topics for feedback on priority, and bring the item back at the April 17, 2024 meeting for discussion.

EQUITY IMPACTS AND CONSIDERATIONS

C/CAG staff request feedback on equity consideration from Committee and Board members on all topics discussed during meetings. Feedback is considered and incorporated into staff efforts. C/CAG adopted an Equity Assessment, Framework, and Action Plan December 2023, which provides guidance on equity through approximately 2028. Actions outlined in the Action Plan will be phased in over approximately four years.

ATTACHMENTS

None