

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

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Committee Meeting Notice

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, **May 18, 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=cExkVkl6d3N4ZzIjBTjViZiJdTzJlZz09>

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=cExkVkl6d3N4ZzIjBTjViZiJdTzJlZz09>

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 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 March 16, 2022 and April 20, 2022 RMCP Committee meetings.
(Kim Springer – Committee Staff) Action
5. Peninsula Clean Energy update on 2023 Reach Code adoption efforts and resources to support adoption in San Mateo County.
(Blake Herrschaft, PCE) Information/Discussion
6. Bay Area Water Supply and Conservation Agency update on water supply and drought conditions in San Mateo County. (Tom Francis., Committee Member, BAWSCA)
Information/Discussion
7. Presentation of list of potential one water assets and other data that could be included in a water balance plan for San Mateo County.
(Kim Springer – Committee Staff) Discussion/Comment
8. Committee Member Updates
9. Next Scheduled Meeting Date: June 15, 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 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

RMCP Committee Staff: Kim Springer kspringer@smcgov.org

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Draft Meeting Minutes

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, March 16, 2022

1. Roll Call – Introductions

Staff completed the roll call of Committee Members with the following quorum:

Committee Members in Attendance:

Maryann Moise Derwin - Portola Valley
Tom Francis – BAWSCA
Christine Kohl-Zaugg – Sustainable San Mateo County
Donna Colson – Burlingame
Jeff Smith – Sares Regis Group
Alex Fernandez – Filoli
Diane Papan – San Mateo
Sue Beckmeyer – Pacifica

Committee Members not in Attendance

Don Horsley - San Mateo County Supervisor
Rick DeGolia - Atherton
Bill Chiang - PG&E
Deborah Ruddock – Half Moon Bay
Ortensia Lopez - El Concilio

Additional Attendees

Kim Springer – C/CAG
Sean Charpentier – C/CAG
Reid Bogert – C/CAG
Alexandria Gallizioli – County Office of Sustainability
John Allan – Office of Sustainability
Bob Cormia – La Honda Resident
John Ellis – La Honda Resident
Carol Steinfeld – Sierra Club
Crain Lewis – Clean Coalition
Michael Barber – Supervisor Pine’s Office
Drew – public attendee
Nick Young - AEA
Ari Usher - AEA

Note: 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. Brief Overview of Teleconference Meeting Procedures

Committee staff provided a brief overview of teleconference meeting procedures.

2. Roll Call and Introductions

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

3. Public Comments on items not on the agenda

There were no public comments.

4. Approval of minutes of February 16, 2022 RMCP Committee meeting.

Motion to approve by Francis and seconded by Beckmeyer: (7,0,0) Passes

5. Update on residential laundry to landscape program proposal.

Committee staff, Kim Springer, gave a short presentation as an update on the Residential Laundry to Landscape Program scope of work. Springer shared that the draft scope was presented to and commented on by three C/CAG committees, the BAWSCA Water Committee, and that he had attended a meeting with the San Mateo County Resource Conservation District's Coastside One Water Committee, which was having a discussion on greywater reuse and potential issues. All of the input has been incorporated into the update proposal and staff is now seeking funding to launch the program pilot.

The Committee discussed the need for setback to ensure water bodies were not affected, and that BAWSCA would work with staff to refine the cost estimates for the program.

6. Bay Area Water Supply and Conservation Agency update on water supply and drought conditions in San Mateo County.

Tom Francis, Committee member and Water Manager at BAWSCA, presented to the Committee on water supply and drought conditions. The State continues to experience drought with hope for a wet March and April. Summer water use reduction will be critical. The State will spend \$22.5 M to emphasize water conservation, especially in the summer months.

Overall water storage in the State is approximately 81% of normal maximum storage for Hetch Hetchy. Though rain in October and December helped with supply and snowpack, both are now well below the median level.

Francis also shared some of the programs and initiatives that BAWSCA is promoting in their service territory though sample billboard images, and where to find information on education and rebated on the BAWSCA website.

The Committee discussed options and needs for communicating clear messages to consumers.

7. Update on La Honda Community Microgrid project.

John Ellis, resident of La Honda working on solutions for power resilience in the community of La Honda, provided an update to the Committee. John shared that the PG&E Community Microgrid Enablement Program is a great program but not really for a rural community like La Honda.

Smaller, individual site resilience has more merit. The fact that there is one substation for most of the SMC coast and the high wind and fire risk in the community, means it's more viable to address sites individually. Another lesson learned is that a community needs someone to lead this kind of exploration and project, because it takes considerable time to evolve.

With questions and input from public members, the Committee discussed the feasibility of maintaining ongoing power for critical load ongoing via just solar and battery, and how to ensure that.

8. Presentation on new Building Initiative for Low Emission Development program for all electric affordable single and multifamily new development.

Nick Young, Associate Director of Project at AEA, delivered a presentation on the new statewide program called BUILD, which is aimed at new construction. The Program is a program of the CEC and AEA is the program implementor. The Program is now enrolling projects for technical assistance and design for low-income housing developers or owners. The Program is aimed at getting developers to build their first all-electric building. There are incentives in the BUILD Program based on GHG reduction over typical non-all-electric construction, which is capped at \$2M per developer. One of the requirements for participation is that a developer must have built at least one low-income building in the past and the project must be in the PG&E gas territory, which is all of San Mateo County.

The CEC Program website has all the information and contact for the program:

<https://www.energy.ca.gov/programs-and-topics/programs/building-initiative-low-emissions-development-program>

The Committee further discussed the requirement around deed restrictions (15 years), how the program can apply to partial, not whole building projects (which it can), whether it applies to ADUs or single-family homes (only for designated affordable with developers that have built for this type of construction before), and other questions on what projects can qualify for the Program.

9. Committee Member Updates

Via Chat, Christine Kohl-Zaugg mentioned the upcoming SSMC event on electrification.

10. Next Scheduled Meeting Date: April 20, 2022

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Draft Meeting Minutes

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, April 20, 2022

1. Roll Call – Introductions

Staff completed the roll call of Committee Members with the following quorum:

Committee Members in Attendance:

Tom Francis – BAWSCA
Christine Kohl-Zaugg – Sustainable San Mateo County
Diane Papan – San Mateo
Deborah Ruddock – Half Moon Bay
Sue Beckmeyer – Pacifica
Bill Chiang - PG&E

Committee Members not in Attendance

Maryann Moise Derwin - Portola Valley
Don Horsley - San Mateo County Supervisor
Rick DeGolia - Atherton
Ortensia Lopez - El Concilio
Donna Colson – Burlingame
Jeff Smith – Sares Regis Group
Alex Fernandez – Filoli

Additional Attendees

Kim Springer – C/CAG
Sean Charpentier – C/CAG
Alexandria Gallizioli – County Office of Sustainability
Susan Wright - Office of Sustainability
Lena Silberman – Supervisor Horsley’s Office
Carol Steinfeld – Sierra Club
Craig Lewis – Clean Coalition
Drew – public attendee
Carl Schwab - unknown
Jay Min – PG&E
Alan Davilla – PG&E

Note: 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. Brief Overview of Teleconference Meeting Procedures

Committee staff provided a brief overview of teleconference meeting procedures.

2. Roll Call and Introductions

Committee staff completed Roll Call and a non-quorum of six Committee members was achieved, disallowing voting on agenda action items or election of a committee member to lead the meeting in the absence of the Chair and Vice Chair.

3. Public Comments on items not on the agenda

There were no public comments.

4. Approval of minutes of March 16, 2022 RMCP Committee meeting.

No action was taken on this item due to lack of quorum.

5. Presentation on residential Laundry to Landscape programs in other California jurisdictions.

Committee staff, Kim Springer, gave a verbal presentation on research completed of other residential laundry to landscape (L2L) programs in other jurisdictions in CA. In total, staff studies approximately 15 other programs, noting which had other, related, programs such as water conservation, commercial onsite water recycling, or other programs for residential, above the simple residential L2L program being considered for San Mateo County. Staff also looked at content on C/CAG member agency websites related to water conservation or residential L2L.

Committee members and the public commented on the findings, including caution that the cost of installation may be a deterrent to uptake of the program, and that structuring an uptake model, such as “barn raising” approach, may be best to help with uptake.

Sean Charpentier, C/CAG Executive Director, shared with the Committee that a funding request was made to Congresswoman Anna Eshoo’s office to help launch a SMC Residential L2L program.

6. Presentation by PG&E on process and costs for power disconnect and reconnect for customer-side upgrades. (This item was postponed to last on the agenda prior to presentation)

Bill Chiang, Committee member and Public Relations with PG&E, introduced two speakers that help manage Service Planning and Design for the San Mateo County service area out of the PG&E San Carlos office: Jay Min, Service and Planning Supervisor and Alan Davilla, Service Planning Manager. Together they manage a ongoing number of customer-site projects involving evaluation of service capacity and potential upgrade needs. The “team” has three additional staff and, because of the volume of projects, are in the process of hiring additional staff (3-4) between work in San Mateo County and across the SF Bay.

Min and Davilla provided a presentation on the service process, which falls into three basic categories of projects: Express Connections, which are the simplest process, Local Office Engineering, which may include more in-the-field data collection and engineering provided through 26 local service planning offices and 15 design centers in the PG&E territory. New customer connections need to work through a “portal” and plan early with PG&E to ensure capacity and costs for upgrades to the site. Some projects can be expected to go a year or longer depending on the project. PG&E encourages customers and/or their contractors to engage PG&E as soon as possible, even for a residential panel upgrade. PG&E is also exploring getting approval to

interconnect an upgrade when there isn't capacity for the customer-side design, and upgrade the utility side, such as a transformer, to reduce lengthy delays.

Even though PG&E is building capacity at the local office in San Carlos, which processed 2,600 design applications in 2021 (700 more than the SF division), there is still the challenge of staff attrition due to concerns such as cost of living. Electrification, as well as additional housing needs will add additional pressures for need for system upgrades.

7. Update on development of Hydrogen for stationary and mobile use in California and San Mateo County.

Keith Malone, Public Affairs, for the California Fuel Cell Partnership provided an annual update to the Committee on the development of Hydrogen, both infrastructure, vehicles, and some information on stationary power applications. The presentation is posted on the C/CAG RMCP Committee website here: <https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/>.

Transit agencies are already required to submit a plan for how they will transition to clean fuel vehicles, with a majority mixing battery electric with fuel cell models. A first-of-its-kind study is being undertaken by the Stanford Precourt Institute called the %X% Study, which compared five differently fueled busses of similar design for comparison.

Station numbers for both small and large vehicles, such as drayage, continues to grow, while Hydrogen production facilities, especially green Hydrogen, also is expanding. In addition, and of note is that California continues to fund significant development of infrastructure across the state, and California and Japan have announced a cooperation agreement on Hydrogen. Governors of various states in the US are partnering to develop hubs for Hydrogen station development. In addition, there are multiple auto manufacturers that are partnering on fuel cells technology, including Honda and General Motors.

Committee members created discussion through a variety of questions from opportunities for Hydrogen to power small engines, possible pathways for development and deployment of more fuel cell vehicles, the possible competition between fuel cell and battery electric, and any progress on mobile fueling for public works or jobsite vehicles such as (currently) diesel-powered dozers and backhoes.

8. Committee Member Updates

Tom Francis mentioned that it would make sense to give a water update next month, given the recent precipitation. Sue Beckmeyer mentioned that she would be out of town on the next scheduled meeting date.

9. Next Scheduled Meeting Date: May 18, 2022

C/CAG AGENDA REPORT

Date: May 18, 2022
To: Resource Management and Climate Protection Committee
From: Kim Springer, Committee Staff
Subject: Peninsula Clean Energy update on 2023 Reach Code adoption efforts and resources to support adoption in San Mateo County.

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

RECOMMENDATION

Receive an update from Peninsula Clean Energy on 2023 Reach Code adoption efforts and resources to support adoption in San Mateo County.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

Reach Codes are local building energy codes that “reach” beyond the state minimum requirements for energy use in building design and construction. Various considerations, especially cost effectiveness to the builder or owner, are considered in the design of a reach codes, and most reach codes are approved by the California Energy Commission through review of a Cost Effectiveness Study.

Peninsula Clean Energy has partnered with other local community choice aggregators and counties to support local jurisdictions in adopting reach codes, and to help drive the transition to electric buildings and transportation. The partners, along with consultants, have built a resource website for agencies: Bay Area Reach Codes, the link to which is provided as an attachment to this staff report.

Reach codes are a best way to leverage GHG-free electricity by targeting electrification of new and existing buildings and transportation vehicles. Electrification transitions buildings and vehicles away from natural gas and gasoline to clean energy provided by PCE. By developing electrification reach codes, cities can save energy and reduce GHG emissions in San Mateo County. All-electric buildings are safer and healthier to live in along with being cost effective, especially when adopted at the new construction stage, so that no electrification retrofits are required in the future. Cities and the County are required to adopt new building codes every three years, with the next adoption required in late calendar year 2022 and an effective date of January 1, 2023. Among other technical support, PCE (for San Mateo County) has, historically, provided an incentive of \$10,000 to cities and the County for participating in the process and adoption of a reach code.

PCE, along with partners, have begun to outreach to cities to both educate and develop model reach codes for the next code cycle. Blake Herrschaft, PCE Energy Programs Program Manager, we provide a presentation on past reach codes, what’s in the new building code starting January

1, 2023, what outreach PCE has completed, what PCE is recommending cities and the County adopt for the new code cycle, and the timeline for coordination and adoption.

ATTACHMENTS

1. Link to Bay Area Reach Codes website: <https://bayareareachcodes.org/>

C/CAG AGENDA REPORT

Date: May 18, 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.
(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

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

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 March 16, 2022, will present an update on the current supply and drought situation in San Mateo County. Mr. Francis will also provide a preview of upcoming meetings of BAWSCA's Water Supply Reliability Roundtable.

ATTACHMENTS

None

C/CAG AGENDA REPORT

Date: May 18, 2022
To: Resource Management and Climate Protection Committee
From: Kim Springer, Committee Staff
Subject: Presentation of list of potential one water assets and other data that could be included in a water balance plan for San Mateo County.

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

RECOMMENDATION

Receive a presentation of list of potential one water assets and other data that could be included in a water balance plan for San Mateo County.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

Concerns about drought in California and potential consequences, such as the need for considerable rationing of water use, in San Mateo County spurred greater discussion by the RMCP Committee in calendar year 2021. Topics such as One Water and water capture and reuse programs, including residential Laundry to Landscape have discussed by the Committee.

At the April 21, 2021 RMCP Committee meeting, staff provided a presentation on One Water. At the July 21, 2021 meeting, County Environmental Health provided a presentation on non-potable guidelines for water reuse and BAWSCA presented a draft of their Water Supply Reliability Roundtable concept. At the August 18, 2021 Committee meeting, staff invited Laura Allen from Greywater Action to present on residential grey water systems, which was mainly focused on Laundry to Landscape. At the October 20, 2021 Committee meeting, staff invited Carol Steinfeld to present on the Loma Prieta Chapter of the Sierra Club's effort to develop a model water conservation ordinance. At the February 16, 2022 Committee meeting, staff presented a draft residential laundry to landscape proposal for comment. At the March 16, 2022 meeting, staff shared feedback from RMCP, CMEQ, the BAWSCA Water Committee, the SMC Resource Conservation District Coastside One Water meeting, and how input has been incorporated into the final scope for the potential program. At the April 20, 2022 Committee meeting, staff provided an overview of Laundry to Landscape programs in other California cities.

At this Committee meeting, staff will provide a presentation on a list of potential One Water strategies and associated assets in San Mateo County, which could be considered for mapping. The potential list is for discussion purposes only, and does not necessarily reflect an interest or desire by any entity to pursue any particular course of action. Mapping could provide a means to educate and alert agencies and the community about opportunities for locating and developing one water projects in the future. Staff seeks input from the Committee and public on the completeness of the list and/or other assets or data that would help build a "picture" of

opportunity locations.

ATTACHMENTS

None