

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, **April 20, 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. 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 March 16, 2022 RMCP Committee meeting.
(Kim Springer – Committee Staff) Action
5. Presentation on residential Laundry to Landscape programs in other California jurisdictions.
(Kim Springer – Committee Staff) Discussion/Comment
6. Presentation by PG&E on process and costs for power disconnect and reconnect for customer-side upgrades.
(Bill Chiang, Committee Member, PG&E) Information/Discussion
7. Update on development of Hydrogen for stationary and mobile use in California and San Mateo County.
(Keith Malone, CAFCP) Information/Discussion
8. Committee Member Updates
9. Next Scheduled Meeting Date: May 18, 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

C/CAG

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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

C/CAG AGENDA REPORT

Date: April 20, 2022

To: Resource Management and Climate Protection Committee

From: Kim Springer, C/CAG and Committee Staff

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

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

RECOMMENDATION

Receive a presentation on residential Laundry to Landscape programs in other California jurisdictions.

FISCAL IMPACT

None. Staff are working to identify funding for this program through federal and state grants.

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 this Committee meeting, staff will provide an overview of Laundry to Landscape programs in other California cities, in comparison to what is included in the current SMC program scope for committee information and discussion.

ATTACHMENTS

None

C/CAG AGENDA REPORT

Date: April 20, 2022
To: Resource Management and Climate Protection Committee
From: Kim Springer, C/CAG and Committee Staff
Subject: Presentation by PG&E on process and costs for power disconnect and reconnect for customer-side upgrades.

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

RECOMMENDATION

Receive a presentation by PG&E on process and costs for power disconnect and reconnect for customer-side upgrades.

FISCAL IMPACT

None.

BACKGROUND/DISCUSSION

PG&E is the Investor-Owned Utility (IOU) in San Mateo County, with primary responsibility for maintaining the multiple components that make up our power grid. These components include line, poles, transformers, substations, switching gear, and others. PG&E maintains equipment, primarily on (what's called) the utility side of the meter. The other side of the meter ("behind the meter"), is maintained by the customer.

There are occasions when the utility will need to shut off power to a customer's site and meter, for purposes of upgrading the customer site. Common examples are upgrading an electrical panel or utility upgrades to provide additional load capacity for equipment such as EV charging stations. Both examples are related to the current trend of electrification of both buildings and transportation, respectively. The upgrades often require not only power disconnection and re-connection, but also engineering work to ensure grid safety and reliability. The demand for these services is only going to increase, and an understanding of the process required by PG&E is important to maximizing efficiency and capacity to serve customers.

Committee member and with Local Government Affairs at PG&E, Bill Chiang and staff, will provide a presentation to the Committee on the process for customers to engage with PG&E for these kinds of upgrades, which often take considerable time and may cost the customer as well.

ATTACHMENTS

None

C/CAG AGENDA REPORT

Date: April 20, 2022
To: Resource Management and Climate Protection Committee
From: Kim Springer, C/CAG and Committee Staff
Subject: Update on development of Hydrogen for stationary and mobile use in California and San Mateo County.

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

RECOMMENDATION

Receive an update on development of Hydrogen for stationary and mobile use in California and San Mateo County.

FISCAL IMPACT

None.

BACKGROUND/DISCUSSION

Hydrogen fuel cells convert Hydrogen to electricity and have multiple applications: vehicles, generators, and energy storage to name a few. As a technology, Hydrogen holds significant opportunity in the effort to reduce greenhouse gas emission. For vehicles, a growing number of manufacturers are entering the Hydrogen market and investing in research and development. In the meantime, the State of California continues to leverage fuel standards and incentives to drive the market, including spending significant dollars to deploy fueling infrastructure.

Assembly Bill 8 (Perea 2013) initially required the establishment of at least 100 hydrogen fueling stations to launch the FCEV market in the state. Next, Executive Order B-48-18 (EO B-48-18) tasked the same agencies with working towards a network of 200 stations by 2025. New executive orders, including N-79-20, which has set a course to end sales of internal combustion passenger vehicles by 2035, has put the state on the path to carbon neutrality by 2045. In general, the market for Hydrogen vehicles is about seven years behind that for electric vehicles, and the adoption curve for Hydrogen vehicles has been similar to what was noted in the early years of electric vehicles. Sources of grants and incentives continue to grow for Alternative Fuel Vehicles, including Hydrogen.

Having provided a presentation in March 2020 and April 2021, Keith Malone, Head of Public Affairs with the California Fuel Cell Partnership (CAFCP), will make his annual return to provide an update on the development of Hydrogen vehicles and infrastructure in California and San Mateo County. A link to the CAFCP website is provided as an attachment to this staff report.

ATTACHMENTS

1. Link to California Fuel Cell Partnership website: <https://cafcp.org/>