

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*

Agenda

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, November 16, 2016

Time: 2:00 to 4:00 p.m.

Location: 2000 Alameda De Las Pulgas
2nd Floor Conference Rm 201
San Mateo, CA 94402

1. Introductions
2. Public Comment
3. Approval of Minutes from September 21, 2016 Meeting
(Kim Springer – Committee Staff) Action
4. Update on the Bay Area Water Supply and Conservation Agency’s Long-Term Reliable Water Supply Strategy
(Adrienne Carr, BAWSCA) Presentation, Discussion
5. Update on Recent State Water Policy Actions
(Adrienne Carr, BAWSCA) Presentation, Discussion
6. Update on the California Energy Efficiency Coordinating Council Program Administrator’s Business Plan Development Process and Proposed Comments
(Kim Springer – County Staff) Presentation, Discussion
7. Presentation on Recent Onsite Water Reuse and Water Resiliency Events
(David Jaeckel – County Staff) Presentation Discussion
8. Review and Approval of Calendar Year 2017 RMCP Committee Meeting Dates
(Kim Springer – Committee Staff) Action
9. Committee Member Updates
10. Next Regular Meeting Date: confirm: December 21, 2016

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Resource Management and Climate Protection Committee (RMCP) Minutes of September 21, 2016 Meeting

In Attendance:

Rick DeGolia, Town of Atherton*
Adrienne Carr, BAWSCA*
Beth Bhatnagar, SSMC Board Member*
Sandy Wong, C/CAG Executive Director
Maryann Moise Derwin, Committee Vice Chair, Mayor Portola Valley*
Rachael Londer, County Office of Sustainability
Michael Barber, Supervisor Pine's Office
Diane Papan, Councilmember, San Mateo*
Kim Springer, County Office of Sustainability
Ben Butterworth, DNV GL
Robert Cormia, Professor Foothill-DeAnza*
Lucas Patzek, PG&E
Bill Chiang, PG&E*
Steve Raney, Joint Venture Silicon Valley
Dave Pine, County Supervisor*
Derren Deffner, PG&E

Not in attendance:

Don Horsley, County Supervisor*
Deborah Gordon, Committee Chair, Woodside Town Council*
Pradeep Gupta, South San Francisco City Council*

* Committee Member (voting)

1. Introductions

Attendees introduced themselves and their organizations.

2. Public Comment

There were no public comments.

PUBLIC NOTICING: All notices of C/CAG Board and Committee meetings are posted at:
San Mateo County Transit District Office, 1250 San Carlos Ave., San Carlos, CA.

3. Approval of Minutes from April 20, 2016. May 15, 2016 and July 20, 2016 meetings
Pass – Bahtnagar/Papan (Cormia – abstain)
4. Presentation on California Public Utilities Commission (CPUC), Decision Providing Guidance for Initial Energy Efficiency Rolling Portfolio Business Plan Filings

Lucas Patzek from PG&E presented on the development of business plans through the California Energy Efficiency Coordinating Committee (CAEECC).

Kim Springer gave background at the beginning of the presentation on the effect of program cycle starts and stops on energy savings of CPUC-funded programs.

The following are the main points of the presentation, which is available on the C/CAG RMCP website:

- The process will affect all of the programs, upstream, midstream and possible downstream programs funded through public good charges under the auspices of the CPUC
- The business plan development is being separated into multiple sectors with co-chairs leading the process
- The next step is submission to the CPUC along with Program Implementation Plans (PIPs)
- After submission, there will be a decision process by the CPUC to finalize programs and programs administration, based on the recent decisions by the Administrative Law Judge (ALJ) of the CPUC
- Dates for the process are included in the PowerPoint presentation posted online

The ALJ decision will affect multiple aspects of the existing program and their administration:

- Explore the concept of a statewide model of administration and will is better serve the various programs' customers
- Should Local Government Partnerships be part f a statewide consistent model
- Energy savings should be measured by actual meter data, not just calculations and white papers
- Upstream and midstream programs should be administered by a single program administrator
- Third party programs, such as Ecology Action's support of the SMCEW will change from 20% of the total program budget to 60% of the total program budget. This is a major shift.

All of the recently-submitted business plans are available on the CAEECC website. Now is the time to read through all these documents and to submit comments. The final documents will be delivered to the CPUC on January 15th. You can sign up to a listserv for one or many of the sectors of business plans to stay up-to-date.

Cormia: is this driven by the Governor's goals or appliances and energy intensity of buildings.

Patzek: No, it's more about all the changes in the EE space and seeking input from stakeholders on programs and how to achieve these goals.

Papan: what is the logic behind these potential changes.

Patzel: it's more about creating a more competitive environment to, hopefully, bring costs down.

Wong: What is the process of how the LGPs might shift to a statewide model.

Patzek: Every proposal has to provide input on how it might be implemented in a statewide manner, but it would be a pilot or discussion, not a requirement to include LGP's as a statewide proposal only.

5. Presentation on Mobility as a Service (MAAS) and San Mateo County Participation

Steve Raney provided a presentation on the Joint Venture Smart Mobility project, which is to reduce commute traffic by 25 percent. The presentation for this item is provided on the C/CAG RMCP website.

The following are the main points:

- The Bay area is a standout in the world on high use of single occupancy vehicles
- Fuel is cheap, vehicles are many, but the commutes within SF is very different
- What seems to work best is what Stanford does, a feebate system
- CA's state and regional policy is an outlier in the US; lots of focus on trip reduction in CA
 - Goal is to double transit and double biking
- Commute.org in San Mateo County has acquired a license from CommuteAmigo to support agency and business efforts to encourage change on the part of employees
- Other programs include influencing through insurance fees
- There are multiple mobility apps that can move the needle about 40% towards the goal
 - Enterprise employee trip reduction
 - Seamless apps to combine commute modes
 - Gap filling programs
 - Electric scooters for last miles
 - Autonomous vehicles
 - Electric bikes for 8 mile commutes
 - Uber, mobile transit and others
- California regional policy can be a game changer in the world to influence change.

Pine: What kind of trip caps do businesses put on employees?

Raney: varies by density, only in Silicon Valley, that about 1/2 of employees do not use SOVs.

Chiang: My mom lives in Shanghai and there they limit the number of vehicle registrations to solve congestion issues.

Raney: In China they offered additional air conditioned bussed at a high cost per ride and there were protests.

Cormia: You can reduce, but you are still fighting population growth every year.

Springer: We are fighting the same issue with all of our programs.

6. Presentation on Department of Energy, Home Energy Score Tool

Rachael Londer presented on the EPA's Home Energy Score (HES) tools as a Residential Energy Disclosure (RED) being leveraged by the BayREN program in areas of Alameda County. Rachael explained how the HES tool fits into the many options to drive energy efficiency awareness in the residential market.

The following are the main points about the Home Energy Score tools:

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- Cities are shying away from mandatory disclosure ordinances, but the HES tool can be used in a voluntary approach as well
- This will allow a homeowner or buyer to evaluate the property before purchase or to have a sense of the kind of measures that would have to be implemented to improve the energy efficiency
- Use of the tool can be both educational and direct property owners to programs
- The HES program requires hiring a rater, but there are rebates for going through the process
- There are currently about 10 raters in the region
- Berkeley has passed a voluntary ordinance
- Piedmont and Albany attempted to pass a mandatory HES ordinance with no success to date
- 350+ scores have been issued to date, mainly driven by contractors who get directly rebated for processing the HES
- The average score process costs about \$275
- Realtors are concerned that this kind of ordinance, even if voluntary, could lead to a RECO-type ordinance
- The BayREN program is working on workforce development, teaching contractors how to use the tools
- Brisbane is very interested in passing an ordinance. Redwood City, Portola Valley, and Menlo Park are also interested.

Derwin: We tried to pass this in Portola Valley and we have one realtor on the committee and it was a big issue.

Cormia: it would be helpful to correlate the score to energy intensity, and Smart Meters should be able to provide the same information.

Bahtnagar: It seems like not a lot of money for contractors, but it might lead to a larger opportunity.

Pine: There are only 10 contractors that do the assessments?

Londer: Yes, but there are some 200 that are trained to do the eventual upgrades.

The presentation is posted on the C/CAG RMCP website.

7. Update on growth trend of Solar in San Mateo County

Ben Butterworth and Derren Heffner from DNV GL and PG&E respectively, gave a presentation on solar trends and programs in San Mateo County.

The following are the main points from the presentation:

- Solar is just one aspect of a clean energy perspective in the state, but there are other resources available before solar
- PG&E is currently over 30% of eligible renewables at this time. Solar is by far the largest driver of clean energy.
- The presentation contains graphs of how cities and the county as a whole, for instance, 2.9% of households have solar countywide and the presentation has charts for commercial as well

Derren added additional resources available through PG&E to help customers evaluate solar for their sites, and those to direct customers to prioritize energy efficiency first. Derren also noted that

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only about 50% of customers have sites that are conducive to installing solar, so PG&E has a program that these customers can join to promote solar and offset their energy use. In addition he provided a link to solar thermal options.

The presentation is posted on the C/CAG RMCP website.

Chiang: Can you comment on large homes in San Mateo County which have large systems, which are still drawing large amounts of electricity.

Deffner: Usage is always independent of production, so some customers actually consume more as a result of going solar. Reducing consumption first is still a better value. PG&E can help customers evaluate this issue.

Londer: Commented on the SunShares program running through early November. Over 100 interest forms to date, and the program includes EVs: BayAreaSunshares.org

8. Committee Member Updates

Carr: BAWSCA: Water supply situation is up in the air, a 50-50 chance. Our water use, by the state's measure, almost no agency still has a conservation requirement. Overall, from 2013, there has been about a 20% reduction. We are hoping for a big water year, without an El Nino.

Bahtnagar: SSMC awards nomination is now open, so please send in nominations.

9. Next Regular Meeting Date: October 19, 2016

Presentations from this meeting have been posted on the C/CAG RMCP website:
<http://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/>

C/CAG AGENDA REPORT

Date: November 10, 2016
To: Resource Management and Climate Protection Committee
From: Adrienne Carr, BAWSCA, RMCP Committee Member
Subject: Update on the Bay Area Water Supply and Conservation Agency's Long-Term Reliable Water Supply Strategy

(For further information contact Kim Springer at 650-599-1412)

RECOMMENDATION

Receive an update on the Bay Area Water Supply and Conservation Agency (BAWSCA) Long-Term Reliable Water Supply Strategy.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

In February 2015 BAWSCA published the Long-Term Reliable Water Supply Strategy Phase II Final Report (Strategy Report). The Strategy Report represents a nearly five year effort by BAWSCA and its member agencies to identify appropriate water management actions that provide long-term water supply reliability for the region.

For the Strategy Report, BAWSCA performed a comprehensive assessment of the regional water supply reliability needs through the year 2040, evaluated potential water supply reliability projects that could be implemented to meet these needs, and identified a suite of actions to achieve increased regional reliability.

Successful implementation of the recommendations in the Strategy Report is essential to ensuring that BAWSCA will meet its water management objective – that a reliable, high quality supply of water is available where and when people, businesses, and community agencies within the BAWSCA service area need it. BAWSCA has made significant and measurable progress implementing the recommendations in the Strategy Report, but there is much more work to be done to complete projects that can meet the projected water reliability needs of BAWSCA's member agencies through 2040.

BAWSCA staff last provided a presentation to the RMCP Committee on the Strategy Report in April 2015. Adrienne Carr, Senior Water Resources Specialist with BAWSCA will present an update on the actions taken since publication of the Strategy Report, including implications of the historic drought.

ATTACHMENTS

None

C/CAG AGENDA REPORT

Date: November 16, 2016
To: Resource Management and Climate Protection Committee
From: Adrienne Carr, BAWSCA, RMCP Committee Member
Subject: Update on Recent State Water Policy Actions

(For further information contact Kim Springer at 650-599-1412)

RECOMMENDATION

Receive an update on recent State water policy actions.

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, is tracking water policy developments at the State level.

An Executive Order issued by the Governor on May 9, 2016 directs several State agencies to develop long-term water conservation policy and statewide policies to reduce water system losses. BAWSCA staff will provide an update on the status of this process and BAWSCA's role in informing this process.

In addition, the California State Water Resources Control Board recently released, for public review and comment, the Recirculated Draft Substitute Environmental Document in Support of Potential Changes to the Water Quality Control Plan for the San Francisco Bay-Sacramento/San Joaquin Delta Estuary: San Joaquin River Flows and Southern Delta Water Quality (SED). The SED proposes substantial changes to flow objectives for the Tuolumne River, the source of 85% of the water supply in the San Francisco Regional Water System, upon which BAWSCA member agencies rely. These changes are anticipated to result in significantly reduced surface water available for diversions, thereby causing significant, potentially unavoidable impacts to water supply. The Governor has indicated strong support for negotiated voluntary agreements to resolve this issue. BAWSCA is committed to continue working closely with the diverse interests and stakeholders to develop that shared solution.

BAWSCA, in partnership with the San Francisco Public Utilities Commission, is coordinating efforts to provide comments to the State regarding this proposal by the deadline for commenting, January 17th, 2017.

BAWSCA is requesting comment letters from each BAWSCA member agency supporting BAWSCA's position that the proposed flow changes will cause significant environmental and

economic harm in this region, including stopping planned growth. BAWSCA staff will provide an overview of the SED and response efforts.

ATTACHMENTS

None

C/CAG AGENDA REPORT

Date: November 16, 2016
To: Resource Management and Climate Protection Committee
From: Kim Springer, County staff to RMCP Committee
Subject: Update on the California Energy Efficiency Coordinating Council Program Administrator's Business Plan Development Process and Proposed Comments

(For further information contact Kim Springer at 650-599-1412)

RECOMMENDATION

Receive an update on the California Energy Efficiency Coordinating Council (CAEECC) Program Administrator's Business Plan development process and proposed comments.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

On July 19, 2016, Administrative Law Judge Julie A. Fitch delivered a proposed decision on a new rolling portfolio design for energy efficiency policies and programs. This is the basis for the process of developing a new rolling program cycle approach for delivery of energy efficiency programs from public goods funds. The text of the proposed decision can be found at the following link: <http://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M164/K950/164950662.PDF>.

The development process includes submission of Business Plans by existing and potential Program Administrators (PAs), and provision of comments to these submitted business plans from a wide audience of stakeholders.

Staff is tracking business plan progress of existing and potential new energy efficiency PAs for the new ten-year rolling portfolio program cycle, which may start on January 1, 2018. The outcome could change existing administration and funding for local government partnerships and, therefore, the San Mateo County Energy Watch program.

Staff presented to the C/CAG Board at the October 13, 2016 meeting and received approval to submit comments on business plans posted on the CAEECC website: <http://www.caeecc.org/> and

throughout the process.

Staff has been following the process, participating in web conferences, and reaching out to other Local Government Partnerships for discussion.

Staff will provide a short update and outline some potential comments to the process for feedback from the RMCP Committee.

ATTACHMENT

None

C/CAG AGENDA REPORT

Date: November 16, 2016
To: Resource Management and Climate Protection Committee
From: Kim Springer, County staff to RMCP Committee
Subject: Presentation on Recent Onsite Water Reuse and Water Resiliency Events
(For further information contact Kim Springer at 650-599-1412)

RECOMMENDATION

Receive a presentation on recent Onsite Water Reuse and Water Resiliency events.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

County staff recently attended two workshops related to water that build on some of the past discussion on the RMCP Committee.

The first, entitled “Onsite Wastewater Reuse”, provided a ten-step process for developing a community-scale onsite water reuse program, with a focus on building on existing plumbing, public health and building codes.

The second, entitled “Bay Area Confluence, a call to action for regional water resilience”, was convened by the Association of Bay Area Governments, was focused on water infrastructure challenges.

David Jaeckel, staff at the County’s Office of Sustainability will give a short overview of these two workshops.

ATTACHMENT

None

C/CAG AGENDA REPORT

Date: November 16, 2016
To: Resource Management and Climate Protection Committee
From: Kim Springer, Committee Staff
Subject: Review and Approval of Calendar Year 2017 RMCP Committee Meeting Dates
(For further information contact Kim Springer at 650-599-1412)

RECOMMENDATION

Review and approve RMCP meeting dates for calendar year 2017

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

At the transition of calendar years, the committee reviews and approves the meeting dates for the new calendar year.

The RMCP Committee will continue to meet on the third Wednesday of each month from 2:00 to 4:00 p.m., provided staff has sufficient business to conduct at the meeting. Staff may cancel a meeting or shift a meeting date with notice to the committee and the public. Meetings will continue to be held primarily at the 155 Bovet Rd. location in San Mateo or other locations based on room availability. The third Wednesday in June meeting typically falls on the date of a PG&E partners meeting, so it pushed one week later in the schedule below.

The following are the proposed meeting dates for the RMCP Committee in calendar year 2017:

January 18, 2017	July 19, 2017
February 15, 2017	August 16, 2017
March 15, 2017	September 20, 2017
April 19, 2017	October 18, 2017
May 17, 2017	November 15, 2017
June 28, 2017 (one week later)	December 20, 2017

Once approved, staff will send out MS Outlook meeting invitations to committee members and participants and add the 2017 meeting dates to the C/CAG RMCP website.

ATTACHMENTS

None