

# C/CAG

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

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

#### Minutes of October 17, 2018 Meeting

##### **In Attendance:**

Deborah Gordon, Committee Chair, Woodside Town Council\*  
Ortensia Lopez, El Concilio of San Mateo County\*  
Bill Chiang, PG&E\*  
Maryann Moise Derwin, Committee Vice Chair, Mayor Portola Valley\*  
Rick DeGolia, Town of Atherton\*  
Pradeep Gupta, South San Francisco City Council\*  
Diane Papan, Councilmember, San Mateo\*  
Beth Bahtnagar, SSMC Board Member\*  
Adrienne Carr, BAWSCA\*  
Sandy Wong, C/CAG  
Kim Springer, County Office of Sustainability  
Danielle Lee, Office of Sustainability  
Doug Silverstein, Public  
Mark Esguerra, PG&E  
Eunice Garcia, PG&E  
John Allan, County Office of Sustainability

##### **Not in attendance:**

Dave Pine, County Supervisor\*  
Robert Cormia, Professor Foothill-DeAnza\*  
Don Horsley, County Supervisor\*  
\* Committee Member (voting)

#### **1. Introductions**

#### **2. Public Comment**

Doug Silverstein introduced himself, his impressions of the great work being done in San Mateo County by organizations such as C/CAG and shared his connection to the many nonprofits in San Mateo County with the hope that he would be able to work more closely with the committee.

#### **3. Approval of Minutes from June 27, 2018 and July 18, 2018 RMCP Committee meetings**

Gupta/ DeGolia - passed

#### **4. Presentation by PG&E on electric grid integration and innovation**

Mark Esguerra presented on PG&E's work related to integration of clean technologies to support climate action, and new processes to enable action. He reviewed that state goals and discussed the opportunity that a rapid change in technology, EVs, batteries, etc., and the increased customer choice for electing renewables and technologies. Esguerra showed the growth of EV, solar installations, etc. Esquerra shared numbers of the number of transformers and interconnections, etc., in the PG&E territory and the need to make sure these systems are safe and reliable.

He next discussed the work PG&E has been doing to streamline the process of interconnecting solar and other systems. The rate of applications for these types of applications are running at about 5000 per month. This is for solar. The same is becoming true for EV charging infrastructure. PG&E has also developed maps of grid hosting capacity and these are public with a registration process online at PG&E. The maps are color coded in terms of hosting capacity, whether it be limited by site use or site generation.

The maps and other tools being used by PG&E to reduce cost of grid upgrades is tied to avoid "wiring" changes, being called non-wire solutions. There are more opportunities for PG&E to collaborate with counties to do more to coordinate non-wire solutions. They can provide a 24/7 depiction of the grid, but not all that data is yet available for the public, but the intention is that it will be. Community solar is being tracked separately from 5000-6000 applications for rooftop, and this is a follow-up item to see what the tracking for "community" solar looks like.

The presentation turned to EV charging station and Bill Chiang shared that PG&E has an existing program for installing EV charging stations in banks of ten or more that the costs are approximately 80% covered. Esguerra also mentioned that there are efforts with EV manufacturers to allow charging infrastructure to pull electricity from the EV batteries. At this point it is experimental, but it's being explored. In terms of timing for charging, car manufacturers, such as BMW can send a telematic signal to vehicles to align with grid needs, to address duck curve issues. This program is expanding to 350 BMW vehicles soon. These kinds of demand response programs for vehicles are slowly expanding. PG&E is also partnering on a EV school bus pilot, which works well with timing for vehicle charging.

PG&E is also working with communities on microgrid projects in California, in northern California at an airport, on an Indian reservation, and on Angel Island. These kinds of project are being explored from a resilience and business model approach.

There were so many questions and interest from the Committee that it was requested that Mark, Eunice, a PG&E employee Alex Padilla, and of course Bill Chiang be invited for another meeting to explore more opportunities for PG&E and county agencies to collaborate.

PG&E's presentation is posted on the C/CAG RMCP website here:  
<http://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/>

## **5. Bay Area Water Supply and Conservation Agency update on current water supply and conservation**

Adrienne Carr provided a water supply update and an update on some state actions underway. The normal storage is running 84% full. Typical is about 80% full, and the higher levels are due to continued water conservation on the part of consumers. The new water year is just beginning, and it's being projected to be an el nino year and wet, but it's too early to be sure. Water delivery is still tracking pretty flat to the past few years, not back up to pre-drought levels.

Carr continued, sharing an update on the state's Bay-Delta Plan update. With the existing proposal, which BAWSCA has commented on, there would potentially be significant cuts in water supply, even as far as causing a need for rationing in dry years, as much as over 50%. The history is that we have shortages one in every 10 years, but with the current plan proposed, this could happen three for four years out of 10. This would look like rationing and moratoriums in communities. An example of this is East Palo Alto, until they purchased additional allocations.

SFPUC and a few other agencies submitted an alternative plan, which would provide further benefits for fish habitat while having less effect on water supply for communities. With multiple proposals, there are settlement discussions underway. The balance is habitat restoration, agriculture, and drinking water supply. State Senator, Jerry Hill, attended a BAWSCA Board meeting and suggested that public outreach be considered on the topic to help the public understand the circumstances. BAWSCA is continuing engagement with stakeholders and member agencies are being updated, with the hopes that the voluntary settlement agreement will be considered. BAWSCA will continue to with state officials and agencies to write letters in support of the approach their agencies most support.

BAWSCA will provide an update on the outcome of efforts at a future meeting.

BAWSCA's presentation is posted on the C/CAG RMCP website here:

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## **6. Update and discussion on San Mateo County Energy Strategy 2025 stakeholder meetings and content development**

Kim Springer introduces John Allan who provided an update on progress with stakeholders for the update to the San Mateo County Energy and Water Strategy. Allan shared the organizing framework and the other elements as the project moved towards the eventual draft document, which will be completed by the end of December. The elements include a set of icons to identify the partner or agency that will help move the action forward. The goals-strategies-actions framework was quickly reviewed, and comments were provided by the Committee.

Committee comments included:

- be sure to include more on equity and how to represent communities of need in the document and actions for both energy and water
- the breadth of the roadmap is significant but maybe it needs to be more prioritized
- actions should leverage PCE financial standing

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.

- modernizing the grid is central to success since the existing controls and infrastructure are 50+ years old so the question is where to invest in the grid
- grid vulnerabilities are different now than years ago so we may need to think about where systems are aging out
- be sure to leverage community nonprofits to help move the community forward, there is incredible opportunity there

The staff presentation on this item is posted on the C/CAG RMCP website here:

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**7. Presentation on 2050 Partners, Inc. Job Order Contracting feasibility study scope of work**

Kim Springer provided a short presentation on Job Order Contracting (JOC) and how a city might leverage this procurement tool. C/CAG and the County have contracted with 2050 Partners, Inc., with local government partnership fund to complete a feasibility study by year end. The study will include what would be required of a centrally-run cooperative for the cities in San Mateo County.

The Committee suggested that it would be important to consider any downsides of this approach, and that it not provide a staff a pathway to implementing projects without council approvals.

**8. Update on C/CAG – PG&E 2019 contract and program development for the San Mateo County Energy Watch**

Kim Springer provided an update on the challenges and proposed program for the SMCEW 2019 program year, including changes in budget and how it will shape the Program. The SMCEW may become a “non-resource lead local partner”, which is a new term staff just received from PG&E in the last week or so. It may be, in 2020 and beyond, that the Program will be a non-resource

**9. Committee Member Updates**

Beth Bhatnagar – SSMC has an indicators release event being held at Oracle and she provided flyers for attendees.

**10. Next Meeting Date: November 28, 2018**