

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

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RMCP Committee Meeting Notice

Resource Management and Climate Protection Committee (RMCP)

Meeting Location:

155 Bovet Rd. - Ground Floor Conference Room
San Mateo CA, 94402

Date: Wednesday, October 16, 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)

Webinar ID: 842 3764 6736

Passcode: 923252

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@smcgo.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.**
2. **Public Comments on items not on the agenda.**
3. **Approval of draft minutes of the September 18, 2024 RMCP Committee meeting.**
(Kim Springer, Committee Staff) Action
4. **Presentation on Proposition 4 and expected funding allocations in alignment with climate programs.** (Kim Springer, Committee Staff) Information/Discussion
5. **Presentation on EV.PRO electric vehicle as a service model for city or commercial fleets.**
(Ashley Rich, EV.PRO) Information/Discussion
6. **Presentation on new energization rules adopted by the California Public Utilities Commission.** (Chris Moore, CPUC) Information/Discussion
7. **Presentation on Bay Area Air Quality Management District update on amending Regulation 9, Rules 4 and 6 to reduce emissions of nitrogen oxides from residential and commercial furnaces and water heaters, and California Air Resources Board's outreach effort for Zero-Emission Space and Water Heater Standards.**
(Richard Chien, BAAQMD) Information/Discussion
(Kim Springer, Committee Staff)
8. **Committee Member Updates**
9. **Next Scheduled Meeting Date:** November 20, 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

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Draft Meeting Minutes of the

Resource Management and Climate Protection Committee (RMCP)

455 County Center, Rm. 101, Redwood City, CA 94063
Date: Wednesday, September 18, 2024 Time: 3:00 p.m.

Committee Members in Attendance:

Tom Francis – BAWSCA (Vice Chair)
Mary Hufty – Town of Portola Valley
Sue Beckmeyer – Pacifica
Kaia Aiken – City of Redwood City
Gina Papan – Millbrae
Betsy Nash – Menlo Park
Ortensia Lopez – El Concilio
Jeff Smith – Sares Regis Group
Bill Chiang - PG&E
Sarah Hubbard – Sustainable San Mateo County

Committee Members not in Attendance

Donna Colson – Burlingame (Chair)
Alex Fernandez – Filoli
Dave Pine – County of San Mateo

Additional Attendees and Speakers

Sean Charpentier – C/CAG
Kim Springer – C/CAG
Susan Wright – County Sustainability Department
Avana Andrade – County Sustainability Department
Alhad Dighe – County Sustainability Department
Laura Wong - County Sustainability Department
Chris Jones – UC Berkeley
Miya Kitahara – Alameda County StopWaste

Ryan Gardner – Rincon Consulting
Anna Yip – Rincon Consulting
Negin Ashoori - BAWSCA
Marc Hershman – Peninsula Clean Energy
Reid Bogert – C/CAG

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 3:06 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 10 members was eventually achieved. The Committee welcomed new member Betsy Nash, Menlo Park City Council Member.

2. Public Comments on items not on the agenda.

There were no public comments.

3. Approval of minutes of the May 15, 2024 and August 21 2024 RMCP Committee meetings.

The Committee approved the minutes of the May 15, 2024 meeting, with a motion by Member Papan, seconded by Member Lopez. A vote was taken and passed (6,2,0) with two members, Nash and Chiang, abstaining. The Committee approved the minutes of the August 21, 2024 meeting, with a motion from Member Papan, seconded by Member Hubbard. A vote was taken and passed (6,2,0) with two members, Nash and Chiang, abstaining. Members Hufty and Beckmeyer were not present for the voting.

4. Presentation on Regionally Integrated Climate Action Planning Support emissions inventory history, process, and trends.

Ryan Gardner, Rincon Consultants, provided a presentation on the RICAPS climate action planning emissions inventory program. Gardner's presentation included each of the source categories of emissions and the sources. Gardner continued by providing emissions reduction trends for San Mateo County since 2005 through 2022. Challenges with changing methodologies and data sources was also discussed. The Committee commented or asked questions on the following: how residential, commercial, and industrial data is broken down, the future of merging gas station with EV charging, the importance of EV charger maintenance, PG&E's focus on full electrification, challenges with timing for energization, why electricity emissions is not closer to zero and what PCE's energy mix is, the drop in organic waste into landfills, potential expansion of hydroelectric, and the applicability of Proposition 4 to these efforts to reduce emissions.

5. Presentation on regional input for city- and county-level GHG emission inventories in development of statewide inventories by UC Berkeley Energy and Resources Group.

Chris Jones, UC Berkeley Energy and Resources Group and Miya Kitahara from StopWaste Alameda County provided a presentation on the development of inventories by city on a statewide basis. The point was made that success in reducing greenhouse emissions depends on both state, regional, and local action. Completing emissions inventories is a very costly process for each city to undertake, but more economical at economies of scale. The RICAP program has been completing inventories for cities in San Mateo County, but most counties do not have such a vehicle. The UC Berkeley effort, with input from multiple stakeholders, seeks to establish a system for generating emission inventories for all cities in the State, both resource- and consumption-based. The Committee commented or asked questions on the following topics: How to, potentially, improve upon MTC's data, gratitude that this is a "no cost" process at this point, and how helpful it will be to have more data on full deployment needs of EV charging infrastructure.

6. Presentation on BAWSCA Regional Water Demand and Conservation Projections Study.

Item 3

Negin Ashoori, Senior Water Resources Engineer at BAWSCA, provided a presentation on the BAWSCA Regional Water Demand and Conservation Projections Study that is carried out by BAWSCA for its water agencies approximately every five years. Despite growing population (34%), the demand has decreased (-32%). The demand and conservation study has two objectives, demand projections and a sensitivity analysis. The Study will also be simulating the impact of future drought. The Committee and public provide comments or asked questions on the following topics: how it is that population could be unbundled from water use, how will the Study treat the Bay Delta Plan and are there any new sources of water being considered, how will the most recent regional Housing Needs Assessment be factored in, and will the plan be affected by ground water pressure and rise due to sea level rise.

7. Committee Member Updates

8. Next Scheduled Meeting Date: October 16, 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: October 16, 2024
To: Resource Management and Climate Protection Committee
From: Kim Springer, C/CAG staff
Subject: Presentation on Proposition 4 and expected funding allocations in alignment with climate programs.

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

RECOMMENDATION

Receive a presentation on Proposition 4 and expected funding allocations in alignment with climate programs.

FISCAL IMPACT

None.

BACKGROUND/DISCUSSION

At the September 18, 2024 RMCP Committee meeting, Committee members asked to know more detail about Proposition 4. Specifically, if potential funding from the measure would support climate mitigation and electrification efforts.

Proposition 4 authorizes the state of California to issue a \$10 billion bond to fund various activities related to natural resources and climate change. The bond would support efforts like improving water quality, preventing wildfires, protecting coastal areas from rising sea levels, conserving land, and developing renewable energy infrastructure. Funding would also go toward creating more parks, protecting communities from extreme heat, and helping farms adapt to climate change.

Approximately 40% of the bond money must benefit low-income or climate-vulnerable communities. Grants and loans would be provided to local governments, tribes, nonprofits, and businesses to support these efforts. The state will repay the bond over 40 years at an estimated annual cost of \$400 million.

Increased state funding could lead to cost savings for local governments by reducing the need for local funding for similar projects or enhancing larger-scale projects. Additionally, preventing disasters like floods or wildfires could further save money on recovery efforts.

A “Yes” vote allows the state to borrow \$10 billion to fund these activities. A “No” vote prevents the state from issuing the bond.

Attachment 1 to this staff report is a link to the Legislative Analyst’s Office analysis of Proposition 4. Attachment 2 is a summary breakdown of likely funding from the Proposition provided by C/CAG’s legislative consultant in Sacramento.

EQUITY IMPACTS AND CONSIDERATIONS

Proposition 4 requires that at least 40 percent of bond money be used for activities that directly benefit communities that have lower incomes or are more vulnerable to the impacts of climate change.

ATTACHMENTS

1. Link to Legislative Analyst's Office analysis of Proposition 4:
<https://www.lao.ca.gov/BallotAnalysis/Proposition?number=4&year=2024>
2. Summary breakdown of likely funding from Proposition 4.

**The Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air
Bond Act of 2024**

Chapter Totals	
Safe Drinking Water, Drought, Flood, and Water Resilience	3,800
Wildfire and Forest Resilience	1,500
Sea Level Rise and Coastal Resilience	1,200
Protect Biodiversity and Accelerating Nature-Based Climate Solutions	1,200
Clean Air	850
Park Creation and Outdoor Access	700
Climate Smart, Sustainable, and Resilient Farms, Ranches, and Working Lands	300
Extreme Heat Mitigation	450
Total	10,000

Line #		
Safe Drinking Water, Drought, Flood, and Water Resilience		
1	Safe Drinking Water	610
2	Tribal Water Infrastructure (minimum amount of line 1)	25
3	Groundwater Storage	386.25
4	Tribal Water Groundwater (minimum amount of line 3)	25
5	Land Repurposing Program (DOC)	200
6	Water Recycling	386.25
7	Water Storage	75
8	Water Conservation	75
9	Water Data Management	15
10	Regional Conveyance	75
11	Flood (see suballocations)	550
12	State Plan of Flood Control	250
13	Flood Subvention Program	150
14	Delta Levees	150
15	Dam Safety	480
16	Stormwater	110
17	Watershed Resilience (IRWM)	100
18	Rivers, Lakes, Streams, Wetlands (see suballocations)	335
19	Upper LA	40
20	Lower LA River	40
21	Riverine Stewardship	50
22	Santa Ana Conservancy - SCC	25
23	Urban Streams - DWR	25
24	Wildlife refuges - CNRA	25
25	Lower American River Conservancy - WCB	10
26	Coyote Valley - SCC	25
27	West Coyote Hills - SCC	25
28	Clear Lake	20
29	Cross-Border Rivers - SWB	50
30	Salton Sea Management Plan	170
31	Streamflow Enhancement	150
32	Desalination	62.5
33	Nature Education Facilities	20
34	Total	3,800

Line #		
Wildfire and Forest Resilience		
35	CAL FIRE/OES Mitigation Grants (home hardening)	135
36	Regional Fire Forest Capacity Program	185
37	Implement Regional Wildfire Prevention Strategies	170
38	Wildfire Conservancy	15
39	Vegetation Removal/Firefighting Equipment	15
40	CAL FIRE Long-Term Forest Health Projects	175
41	CAL FIRE Local Fire Prevention Grants	185
42	CAL FIRE Training Center	25
43	CNRA Forest Health/Watershed Restoration	200
44	Fuel Reduction/Defensible Space	50
45	Conservancy Funding for Wildfire Prevention	185
46	Biomass Innovation to Reduce GHG Emissions - CEC/DOC	50
47	CAL FIRE fire ignition detection technology	25
48	Conservation corps and local corps	50
49	Electric transmission for wildfire prevention	35
50	Total	1,500

Sea Level Rise and Coastal Resilience		
51	State Coastal Conservancy	415
52	SF Bay Restoration Authority/SF Bay Conservancy Programs	85
53	Coastal Flood/SLR (SCC)	350
54	SLR Adaptation/Mitigation	75
55	Ocean Protection Trust Fund	135
56	State Parks - Sea Level Rise	50
57	Fisheries, Islands, and Ocean Ecosystems Restoration	75
58	Salmon Restoration (see suballocations)	100
59	Hatcheries	25
60	Dam Removal	75
61	Total	1,200

Extreme Heat Mitigation		
62	OPR Extreme Heat Program	50
63	Transformative Climate Communities (TCC)	150
64	Urban Greening (CNRA)	100
65	Urban Forests (CAL FIRE)	50
66	Community Resilience Centers (SGC)/ Fairground upgrades (CDFA)	100
67	Total	450

Line #		
Protect Biodiversity and Accelerating Nature-Based Climate Solutions		
68	30 x 30 (WCB) (see some suballocations)	870
69	Ballona Wetlands	22
70	Wildfire corridors	180
71	San Andreas Corridor Prog.	80
72	Conservancies (see suballocations)	320
73	Baldwin Hills	48
74	Coachella	11
75	Delta	29
76	Lower LA	48
77	San Diego	48
78	San Joaquin River	11
79	Santa Monica Mountains	48
80	Sierra Nevada	48
81	Tahoe	29
82	Tribal nature-based solutions (CNRA)	10
83	Total	1,200

Climate Smart, Sustainable, and Resilient Farms, Ranches, and Working Lands		
84	Healthy Soils	65
85	SWEEP/sustainable, climate-smart water use/efficiency	40
86	Invasive Species	20
87	Programs for socially disadvantaged farmers, ranchers, tribal producers, veterans (CDFA)	90
88	Year-round certified farmers markets	20
89	Certified mobile farmers markets	20
90	Tribal producer infrastructure	15
91	Urban agriculture	20
92	Tool/Equipment sharing	15
93	Student farms/climate ag research facilities	15
94	CalVans/van pool	15
95	Weatherization/energy upgrades/farmworkers	10
96	Land Access - socially disadvantaged farmers (DOC+SGC)	30
97	Protection and Enhancement of Ag Lands (DOC)	15
98	Total	300

Park Creation and Outdoor Access		
99	Park Creation in Park Poor Communities	200
100	Parks Restoration/Enhancement and Expand Access	200
101	Expanded Trail Access	100
102	Deferred Maintenance (State Parks)	175
103	Nature Education Facilities	25
104	Total	700

Clean Air		
105	Electric transmission financing	325
106	Battery energy storage	50
107	Ports infrastructure to advance offshore wind energy	475
108	Total	850

109	Total	10,000
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C/CAG AGENDA REPORT

Date: October 16, 2024
To: Resource Management and Climate Protection Committee
From: Ashley Rich, EV.PRO
Subject: Presentation on EV.PRO electric vehicle as a service model for city or commercial fleets.

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

RECOMMENDATION

Receive a presentation on EV.PRO electric vehicle as a service model for city or commercial fleets.

FISCAL IMPACT

None.

BACKGROUND/DISCUSSION

Greenhouse gas emissions from transportation continues to be the largest source in San Mateo County. Actions to mitigate transportation emissions includes travel mode shift to active transportation and public transit, and electrification of transportation.

Multiple agencies, State, regional, and local are addressing this “shift” to clean transportation options by introducing regulations or through promotion. One such regulation is California Air Resources Board’s Advance Clean Fleets (ACF). ACF Regulation is a recent development in CARB’s increasingly stringent emission standards for mobile sources. The ACF Regulation requires fleets that are well suited for electrification to reduce emissions by requiring the phase-in the use of Zero-Emission Vehicles (ZEVs) for targeted fleets, and requirements that manufacturers only manufacture ZEV trucks starting in the 2036 model year. The first round of reporting for targeted fleets started in April 2024. All agency fleets in San Mateo County are responding to the new regulations. Addressing both fleet transition purchases and installation of the necessary charging infrastructure can be both expensive and time consuming.

C/CAG staff recently became aware of a potential new model approach to the “transition” which could be a fit for both municipal and commercial fleets. EV.PRO’s model is providing fleet management, which includes the electric vehicles, installation of chargers, optimization of energy usage, managing fleet maintenance, and guaranteeing reliability.

Ashley Rich, Chief Customer Officer at EV.PRO, will provide a presentation about the company, and their “EV as a service” model for fleet transitions.

EQUITY IMPACTS AND CONSIDERATIONS

This staff report does not directly address a C/CAG program.

ATTACHMENTS

1. Link to EV.PRO Website: <https://ev.pro/>

C/CAG AGENDA REPORT

Date: October 16, 2024
To: Resource Management and Climate Protection Committee
From: Chris Moore, CPUC
Subject: Presentation on new energization rules adopted by the California Public Utilities Commission.

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

RECOMMENDATION

Receive a presentation on new energization rules adopted by the California Public Utilities Commission.

FISCAL IMPACT

None.

BACKGROUND/DISCUSSION

The transition to clean energy in California is generally focused on the two major sectors of emission sources, transportation and building energy use. Though many of our community members are not aware, considerable planning for electricity supply and grid infrastructure are ongoing, including by the California Independent System Operator (CAISO), the California Energy Commission (CEC), the California Public Utilities Commission (CPUC), and by investor-owned utilities, such as PG&E.

Beyond planning for clean electricity supply and grid infrastructure, “smoothing” the transition to electricity also includes streamlining permitting processes at the local government level and energization processes on the part of investor-owned utilities. Energization is the process of connecting or reconnecting the grid to new or updated infrastructure, residential, commercial, or public. With so many new electrification-driven projects being implemented, turnaround times for energization.

In January 2024, the CPUC opened a rulemaking proceeding to implement provisions included in two bills signed by the California governor, AB 30 (Wood, 2023) and SB 410 (Becker, 2023), directing the Commission’s development of average and maximum target energization timelines, and a procedure for customers to report energization delays, in addition to other components, such as reporting and annual progress reviews. On September 12, 2024 the CPUC approved a decision to set new energization targets and timelines for PG&E and the other electricity IOUs in CA.

The results of the decision are new energization timeline targets (expected to reduce times up to 49%), quicker upgrades for residential services, increased utility accountability, new monitoring and reporting, and new maximum timelines for grid capacity upgrades.

Christopher Moore, local government and community outreach liaison, will provide a presentation on the new guidelines. Attachment 1 to this staff report is a link to fact sheet for the new guidelines.

EQUITY IMPACTS AND CONSIDERATIONS

There are no visible equity elements related to the new energization guidelines.

ATTACHMENTS

1. Link to Fact Sheet on New Energization Guidelines: <https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/energy-division/documents/transportation-electrification/energization/fact-sheet-energization-091224.pdf>

C/CAG AGENDA REPORT

Date: October 16, 2024

To: Resource Management and Climate Protection Committee

From: Richard Chien, BAAQMD – Kim Springer, Committee Staff

Subject: Presentation on Bay Area Air Quality Management District update on amending Regulation 9, Rules 4 and 6 to reduce emissions of nitrogen oxides from residential and commercial furnaces and water heaters, and California Air Resources Board’s outreach effort for Zero-Emission Space and Water Heater Standards.

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

RECOMMENDATION

Receive a presentation on Bay Area Air Quality Management District (Air District) update on amending Regulation 9, Rules 4 and 6 to reduce emissions of nitrogen oxides from residential and commercial furnaces and water heaters, and California Air Resources Board’s (CARB) outreach effort for Zero-Emission Space and Water Heater Standards.

FISCAL IMPACT

None.

BACKGROUND/DISCUSSION

The RMCP Committee regularly receives presentations related to building retrofits and cleaner appliances as a key approach to reducing greenhouse gas emissions and both indoor and outdoor air pollution. At the February 15, 2023 meeting, the Committee received a presentation from a senior planner for the Bay Area Air Quality Management District (Air District) on two rule amendments related to residential space heating and water heating: Rule 9-4 and Rule 9-6. These rules govern point of sale emission standards for small, typically residential, and commercial, water and space heating systems. Emissions of nitrogen oxides from burning of natural gas impacts local and regional air quality, contributing to the formation of ozone as well as particulate matter in our atmosphere.

As part of the recent amendments, the Air District committed to convene the Implementation Working Group (IWG). The IWG is composed of approximately 40 stakeholders representing a variety of segments, including statewide, regional, and local, and they provide input to Air District staff’s periodic reports to the Board of Directors on the implementation of the Building Appliances Rules and provide Air District staff with insights on the technical readiness of the market and equitable transition to compliant appliances. The IWG provides a forum to discuss technical and equity aspects of implementing the Building Appliances Rules. The IWG is also broken down into committees: Technical, Community/Equity, and Steering. These Committees have been meeting approximately quarterly since July 2023.

Recently, C/CAG staff learned about CARB's efforts to develop zero-emission space and water heating standards. The process for developing zero-emission space and water heater standards began in May 2023 with a workshop outlining the timeline and values. Sacramento State Consensus and Collaboration Program then conducted a public engagement assessment, delivering a report in October 2023. CARB staff used the report to identify knowledge gaps and refine public consultation needs. Listening sessions across the State have been underway since late February 2024. The next listening session will be held in-person in San Mateo County on October 23, 2024 is in-person only and will be hosted by Climate Resilient Communities in Redwood City. This is the link to registration of the listening session: [CARB Zero Emission Listening Session Registration](#).

BAAQMD staff, Rich Chien, and Kim Springer, Committee staff will provide an update on BAAQMD rules progress, and CARB efforts, respectively.

A link to both efforts are provided as Attachments 1 and 2 to this staff report.

EQUITY IMPACTS AND CONSIDERATIONS

Though the subject of this staff report is not directly a C/CAG program, both BAAQMD and CARB efforts to appliance rules include considerable community input processes, which leads to a better understanding of implications to communities because of changes in regulations.

ATTACHMENTS

1. Link to Bay Area Air Quality Management District's Building Appliance Rules website: <https://www.baaqmd.gov/rules-and-compliance/rule-development/building-appliances>
2. Link to California Air Resources Board Zero-Emission Space and Water Heating Standards website: <https://ww2.arb.ca.gov/our-work/programs/building-decarbonization/zero-emission-space-and-water-heater-standards/meetings-workshops>