

ENERGY AND ENVIRONMENT COMMISSION MEETING MINUTES

Wednesday, May 22, 2024

CALL TO ORDER, PLEDGE OF ALLEGIANCE, AND ROLL CALL

Chair Lee called the regular meeting of the Energy and Environment Commission to order at 5:30 p.m. from City Hall 157 Main Street, Conference Room 3.

Chair Lee led pledge of allegiance.

Commissioners Present: Commissioners Jaishankar, Klein, Liu, Vice Chair Bloom, and Chair Lee

Commissioners Absent: Commissioners Brown, Kelly

AGENDA AMENDMENTS

None.

CONSENT CALENDAR

1. Approve the meeting minutes of March 27, 2024

Recommendation: Approve the meeting minutes.

MOTION: It was m/s by Klein/Lui to approve the Consent Calendar, as recommended. Motion passed by the following roll call vote:

Ayes:	Commissioners Jaishankar, Klein, Liu, Vice Chair Bloom, and Chair Lee
Noes:	None
Absent:	Commissioners Brown, and Kelly
Abstain:	None

MEETING OPEN TO THE PUBLIC

2. Public comment regarding items not listed on the agenda.

Chair Lee opened the public comment. There being no speakers, Chair Lee closed the public comment.

PUBLIC HEARING AND OTHER MATTERS

3. Go Green Initiative – Local Leaders Program update – CRV Program

Recommendation: Receive the report.

Representatives from the Local Leaders presented an update on the CRV program. The Energy and Environment Commission received the report.

4. Update Commission 2024 Schedule

Recommendation: Adopt an updated 2024 meeting schedule.

Staff member Megan Campbell presented a new meeting schedule to move the Commission's regular meetings to the third Wednesday of every other month (July 17, September 18, and November 20) and move the meeting location to 200 Old Bernal Avenue in the Council Chambers.

MOTION: It was m/s by Klein/Lui to approve the updated 2024 schedule and meeting location. Motion passed by the following vote:

Ayes:	Commissioners Jaishankar, Klein, Liu, Vice Chair Bloom, and Chair Lee
Noes:	None
Absent:	Commissioners Brown, and Kelly
Abstain:	None

5. Committee on Energy and the Environment Work Planning continued

The Commission discussed potential projects for the Commission to take on. No vote was taken.

ADJOURNMENT

Chair Lee adjourned the meeting at 6:36 p.m.

Respectfully Submitted,
Megan Campbell

**Energy and Environment Commission
 Agenda Report**

July 17, 2024
 Community Development

TITLE: Mid-Year CAP 2.0 Update

SUMMARY

The City’s adopted Climate Action Plan 2.0 (CAP 2.0) sets ambitious greenhouse gas (GHG) emission reduction targets. Implementation of CAP 2.0 has progressed and this update provides the status of CAP 2.0 actions. This year, in addition to CAP 2.0 implementation, staff’s energy and environment focus is predominantly on funding, partnerships, and CAP 2.0 monitoring and reporting.

RECOMMENDATION

Receive a mid-year update on CAP 2.0.

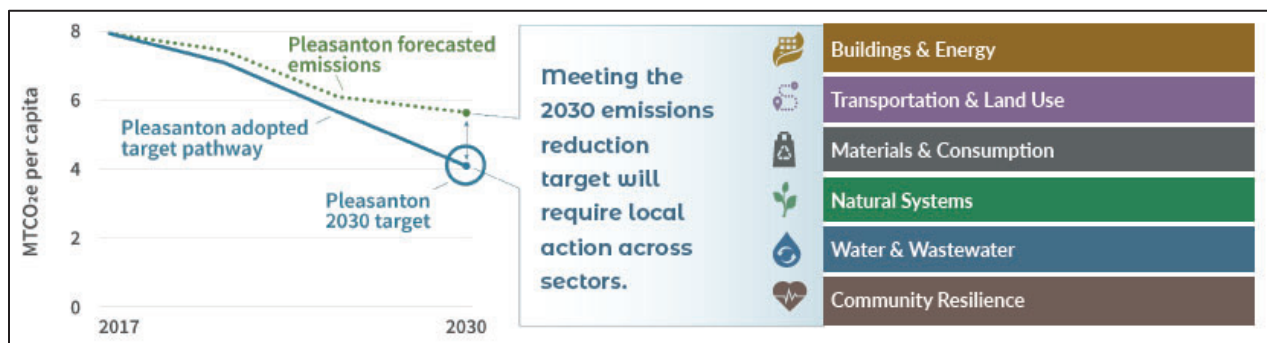
BACKGROUND

CAP 2.0 sets ambitious GHG reduction targets that comply with, and exceed, targets established by the State of California. To achieve the reduction targets, the CAP 2.0 includes the following:

- **Existing Actions:** At the time of CAP 2.0 adoption, these were existing actions already in-progress or on-going actions and that the City planned to continue.
- **Primary Actions:** These aim to reduce GHG emissions to meet the target identified in the CAP 2.0 (i.e., 4.11 MTCO₂e per capita by 2030).
- **Secondary Actions:** These actions deepen the City’s commitment to taking local action and enhance community resilience to climate change.

The adopted set of actions are across six sectors as shown in Figure 1 below.

Figure 1- Pleasanton’s GHG Target



As outlined in CAP 2.0, an annual update will be provided to the Energy and Environment Commission. This is an additional mid-year update as requested by the Commission

DISCUSSION

As the Commission knows, the Sustainability Manager position is currently frozen; however, existing staff is still engaging in energy and environment activities aligned with the ONE Pleasanton Strategic Plan. One of those activities is progressing CAP 2.0 implementation. Active projects include: electric vehicle charging (community and municipal), critical facilities solar/battery installation, leaf blower restrictions, and the Urban Forest Master Plan. See Attachment 1 for more details.

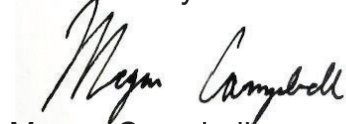
In addition to CAP 2.0 implementation, staff's energy and environment focus for fiscal year 2024-2025 is as follows:

- **Funding-** Pursue finding opportunities that expand the City's capacity to invest in the climate and complete CAP 2.0 implementation (e.g., Energy and Efficiency Conservation Block Grant Program). The City was recently awarded \$140,450 from the EECBG with the U.S Department of Energy.
- **Partnerships-** Maintain a regional presence and leverage partnerships to optimize effectiveness. This includes attending regular meetings with other cities, the county, and other agencies.
- **Monitoring and Reporting-** Measure CAP 2.0 implementation success and maintain accountability. This includes an annual report to the Energy and Environment Commission and City Council. It also includes developing methodology to gather key performance indicators in the CAP 2.0.

CONCLUSION

Staff requests the Commission review the mid-year CAP 2.0 update. There is no action requested at this time.

Submitted by:



Megan Campbell
Associate Planner

Attachments

1. Status of Existing, Primary, and Secondary CAP 2.0 Actions

Table 1. Existing ongoing CAP 2.0 actions

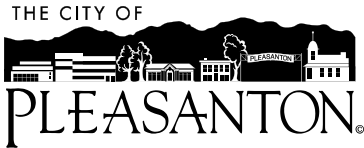
Existing Ongoing Actions	Action Status
Buildings & Energy: This sector includes strategies to advance the decarbonization of buildings (BE-1), improve energy consumption and efficiency (BE-2), and expand use of renewable energy (BE-3).	
E1. Maintain zero-emissions energy as the default EBCE choice for municipal operations	On June 18, 2024 the City Council voted to add this to the contingency menu (i.e., may move City to Bright Choice)
E2. Maintain zero-emissions energy as the default EBCE choice for the community	On-going
Transportation & Land Use: This sector includes strategies to advance vehicle decarbonization (TLU-1), advance active, shared, and public transportation (TLU-2), and Advance sustainable land use (TLU-3).	
E3. Bicycle & Pedestrian Master Plan and Trails Master Plan	In-progress. City continued implementation in 2024
E4. Regional transit support	On-going
E5. Complete Streets implementation	In-progress. City continued implementation in 2024
E6. Housing Element implementation	In-progress. City continued implementation in 2024
Materials & Consumption: This sector includes strategies to increase waste diversion and optimize collection and disposal systems (MC-1), and enhance sustainable production and reduce consumption (MC-2).	
E7. SB 1383 implementation	In-progress. City continued implementation in 2024
E8. Outreach and education	On-going
E9. Local purchasing	On-going
E10. Textile recovery	On-going
Natural Systems: This sector includes a strategy to increase and optimize carbon sequestration and improve ecosystem resilience (NS-1).	
E11. Pesticide Posting Program	On-going
E12. Municipal landscape management practice	On-going
E13. Sustainable land management education	On-going
Water Resources: This sector includes strategies to improve water supply & increase conservation (WR-1), and improve stormwater resilience (WR-2).	
E14. Controllor assistant program	On-going
E15. Smart water meter installation	On-going
E16. Water Conservation Program	On-going
E17. On-site stormwater management	On-going
Community Resilience & Wellbeing: This sector includes a strategy to improve community resilience and reduce vulnerability to climate change (CRW-1).	
E18. School climate action planning	On-going. Continued progress in 2024
E19. Access to green spaces	On-going
E20. Community cooling centers	On-going. Centers opened in 2024
E21. Community gardens	On-going

Table 2. Primary CAP 2.0 actions

Primary Actions	Action Status
Buildings & Energy: This sector includes strategies to advance the decarbonization of buildings (BE-1), improve energy consumption and efficiency (BE-2), and expand use of renewable energy (BE-3).	
P1. All-electric reach code for new construction	Completed 2022
P2. Existing Building Electrification Plan	-
P3. Modify Municipal Code definition of "covered projects"	Completed 2023
P4. Solar and storage on "covered projects"	Completed 2023
Transportation & Land Use: This sector includes strategies to advance vehicle decarbonization (TLU-1), advance active, shared, and public transportation (TLU-2), and advance sustainable land use (TLU-3).	
P5. ZEV Infrastructure Plan	Partially completed/in-progress. 1) EV Charging required for new construction. 2) Created Municipal Fleet electrification plan. 3) Started work to install community charging at two locations.
P6. Electrify municipal small engine equipment and reduce emissions of off-road equipment upon replacement	In-progress. City has electrified leaf blowers and some other equipment.
P7. Electrify community small engine equipment	Adopted ban on gas-powered leaf blowers in 2023, went into effect June 1, 2024.
P8. Bicycle amenities	Staff will pursue in 2025 if feasible
P9. Bicycle rack incentive program	-
P10. Increase transit ridership	-
P11. Promote LEED Neighborhood Development	Completed in 2022
Materials & Consumption: This sector includes strategies to increase waste diversion and optimize collection and disposal systems (MC-1), and enhance sustainable production and reduce consumption (MC-2).	
P12. Single use plastic reduction	-
Natural Systems: This sector includes a strategy to increase and optimize carbon sequestration and improve ecosystem resilience (NS-1).	
P13. Urban Forest Master Plan	In-progress. This effort began in 2023.
P14. Soil management carbon sequestration projects	In-progress. In 2022, developed 3-year compost application plan and participating in study with StopWaste and UC Merced.
Water Resources: This sector includes strategies to improve water supply & increase conservation (WR-1), and improve stormwater resilience (WR-2).	
P15. Water efficiency and retrofits	Completed/on-going. In 2022, increased rebade amounts. Will continue to implement program.
Community Resilience & Wellbeing: This sector includes a strategy to improve community resilience and reduce vulnerability to climate change (CRW-1).	
P16. Comprehensive climate awareness, education, and outreach	-

Table 3. Secondary CAP 2.0 actions

Secondary Actions	Action Status
Buildings & Energy: This sector includes strategies to advance the decarbonization of buildings (BE-1), improve energy consumption and efficiency (BE-2), and expand use of renewable energy (BE-3).	
S1. Refrigerant management in new construction	-
S2. Community energy efficiency upgrades	-
S3. Energy benchmarking and City facility retrofits	In-progress. Working with EBCE to install solar/battery storage on municipal facilities with goal to begin installations in 2025.
Transportation & Land Use: This sector includes strategies to advance vehicle decarbonization (TLU-1), advance active, shared, and public transportation (TLU-2), and advance sustainable land use (TLU-3).	
S4. VMT reduction for K-12 activities	-
Materials & Consumption: This sector includes strategies to increase waste diversion and optimize collection and disposal systems (MC-1), and enhance sustainable production and reduce consumption (MC-2).	
S5. Environmentally preferable purchasing policy	Completed in 2022.
S6. Embodied Carbon Reduction Plan	-
Natural Systems: This sector includes a strategy to increase and optimize carbon sequestration and improve ecosystem resilience (NS-1).	
S7. Carbon sequestration research and tracking	-
Water Resources: This sector includes strategies to improve water supply and increase conservation (WR-1), and improve stormwater resilience (WR-2).	
S8. Green Stormwater Infrastructure Plan	-
Community Resilience & Wellbeing: This sector includes a strategy to improve community resilience & reduce vulnerability to climate change (CRW-1).	
S9. Wildfire preparation, prevention, and education	-



Energy and Environment Commission Agenda Report

July 17, 2024
Community Development

TITLE: Energy and Environment Work Planning

SUMMARY

Over the past few Energy and Environment Commission hearings, the Commission embarked on energy and environment work planning for this fiscal year. The Commission discussed several potential activities to tackle that will assist in the implementation of CAP 2.0. The activities largely fell within CAP 2.0 Action P16- Comprehensive Climate Awareness, Education, and Outreach. Staff suggests the Commission continue its work planning.

RECOMMENDATION

Staff recommends the Commission select an activity to pursue this fiscal year.

BACKGROUND

The Commission's role is to advise the City Council in matters related to City energy and environment services. Throughout 2021 and 2022, this included working closely with staff to develop a Climate Action Plan 2.0 (CAP 2.0). Among other responsibilities, since CAP 2.0 has been adopted, the Commission's duties have included advising and assisting in the implementation of the adopted document. Currently, the Commission is planning work for this fiscal year.

DISCUSSION

Over the past few Energy and Environment Commission hearings, the Commission embarked on energy and environment work planning for this fiscal year. At the past meeting, the Commission discussed several potential activities to tackle that will assist in the implementation of CAP 2.0. The activities largely fell within CAP 2.0 Action- P16 Comprehensive Climate Awareness, Education, and Outreach. The full action reads as follows:

The City will implement comprehensive climate awareness, education, and outreach. The City should engage the community through several methods including in-person, mail (e.g., utility bills), on television, and online. In doing so, the City will consider all potential climate campaigns associated with CAP 2.0 implementation and phase campaigns over time accounting for staffing, resources, and balancing other community messaging to ensure feasibility. The City should leverage partnerships (e.g., Living Arroyos and Go Green Initiative) to achieve outreach goals. Outreach materials should be translated to Spanish,

Chinese, and other commonly spoken languages in the community as identified by the Public Information Officer.

The City's expanded efforts may include:

- Develop and implement an empowerment program that helps residents, businesses, neighborhood leaders, and visitors reduce their personal carbon footprint and improve climate literacy. The program should consider including a carbon footprint calculator that generates a list of actions to reduce emissions at the household level and creating competitions to encourage adoption of programs.
- Develop a Library and Recreation Department program dedicated to conservation and stewardship projects for varying age groups, expanding upon existing programs (e.g., Ridge Runner, Arbor Day, and future bee and butterfly gardens programs).
- Create "sustainability awards" presented by the City Council during Earth Week to recognize community efforts and increase climate awareness. The community could also play a role in nominating "green" efforts throughout the city for business operations, development projects, and individual efforts throughout the city.
- Consider preparation of a checklist comparing LEED with CALGreen to simplify the process for development applications.
- Bolster education around community preparedness including using ZoneHaven, signing up for AC Alert, and participating in Family Disaster Preparedness training and Community Emergency Response Team (CERT) through LPFD.

Ideas that the Commission discussed in the prior meeting include the following:

- Environmental newsletter
- Event similar to National Night Out with environmental aspect (e.g., garbage truck, etc.)
- Citizen's challenge
- Sustainability Awards

CONCLUSION

Staff suggests the Commission continue to discuss potential activities and select an activity to pursue this fiscal year.

Submitted by:



Megan Campbell
Associate Planner