



DRAFT MINUTES
MINUTES OF THE REGULAR MEETING OF THE
SUSTAINABILITY COMMISSION
April 18, 2024

Draft Minutes

The meeting was called to order at 4:08 p.m.

ROLL CALL:

Present: Alexander Fung, Susan Hansen (VC), Sonali Padgaonkar (C), Steve Poon, Conny Yang

Absent: None

Staff: Victoria Morin, Staff Liaison

Others Present: Chad Mosley, Director of Public Works, Ursula Syrova, Environmental Programs and Sustainability Manager, Nick Kibilov, Sustainability Fellow

APPROVAL OF MINUTES

1. January 18, 2024 Sustainability Commission minutes

MOTION: Commissioner Poon moved, seconded by Commissioner Fung to approve the minutes as presented.

MOTION PASSED: 5-0

POSTPONEMENTS

No Postponements

ORAL COMMUNICATIONS

None

WRITTEN COMMUNICATIONS

None

STAFF AND COMMISSION REPORTS

Victoria Morin, Sustainability Specialist noted that starting with the next Sustainability Commission, all meetings will be live-streamed and held at Quinlan Community Center. There was not going to be remote participation, but anyone was able to watch the meetings live or

recorded. Update two, the next Environmental Recycling Day was April 20, De Anza College, parking lot A from 8 a.m. to 12 p.m. Update three, the City of Cupertino City Council approved the Electrification Study and the Recycled Water Feasibility Study as City Work Program items. Update four, the Environmental Programs Assistant position was open for recruitment. The induction cooking demo happened in coordination with the County of Santa Clara the registration was full. Ursula Syrova, Environmental Programs and Sustainability Manager mentioned that staff was still working on the garbage post-collection management solutions. In preparation for the Advanced Clean Fleet Regulation, the Service Center was working to transition fleet vehicles to Electric Vehicles (EV), including planning for charging stations.

Commissioner Poon inquired if the City was required to purchase at least 50% EV's. Chad Mosley, Director of Public Works said 1/1/2024 was the deadline to have 50% EV fleet, 1/1/2027 was the deadline to have 100% EV fleet. Ms. Syrova said the City recently purchased two Ford Lightening F150 trucks, which were all electric. Ms. Morin mentioned the Beam portable charging units that were just received; they were going to be available for use at the Earth and Arbor Day Festival.

Commissioner Fung read in the minutes and there was discussion of a Youth Ad Hoc meeting. Vice Chair Padgaonkar hoped there was discussion about this before school started.

OLD BUSINESS

NEW BUSINESS

2. Election of the Chair and Vice Chair for the Sustainability Commission

Victoria Morin, Sustainability Specialist gave a presentation about the Chair and Vice Chair's responsibilities.

Commissioner Poon added that the Mayor's meeting was at 5 p.m. Attending the Mayor's Meeting was a duty of the Chair.

NOMINATION: Commissioner Fung, seconded by Commissioner Poon nominated Commissioner Padgaonkar as Chair of the Sustainability Commission for 2024.

NOMINATION FOR COMMISSIONER PADGAONKAR AS CHAIR OF THE SUSTAINABILITY COMMISSION FOR 2024 PASSED: 5-0

NOMINATION: Chair Padgaonkar, seconded by Commissioner Fung, nominated Commissioner Hansen as Vice Chair of the Sustainability Commission for 2024.

NOMINATION FOR COMMISSIONER HANSEN AS VICE CHAIR OF THE SUSTAINABILITY COMMISSION FOR 2024 PASSED: 5-0

3. Update on Building Decarbonization Efforts and Options

Ursula Syrova, Environmental Programs and Sustainability Division Manager gave a presentation on building decarbonization efforts and options.

Chair Padgaonkar asked if decarbonization standards were required for remodels as well. Ms. Syrova needed to check.

Chair Padgaonkar wanted to know the phone number for the concierge service mentioned in the presentation. Ms. Syrova said the program had not started yet but should be available soon. Chair Padgaonkar asked what Bay Area Renewable Energy Network (BayREN) was. Ms. Syrova explained it was a coalition of Bay Area counties, with a local representative from the County of Santa Clara (County). There were a lot of grant opportunities connected with BayREN, and they had a lot of rebates for people. Commissioner Poon recalled BayREN performed a few workshops, but it was still confusing. He preferred the concierge service method.

Vice Chair Hansen questioned if there were solar conversion resources offered with the concierge service. Ms. Syrova only heard talk of the heat pump tech as of now. Vice Chair Hansen mentioned that if everyone converted today there would be a power shortage. Victoria Morin, Sustainability Specialist noted that Pacific Gas & Electric (PG&E) was aware of the grid issues.

Commissioner Fung wondered if it was possible to place conditions on new developments, such as performance reviews or benchmarking. Ms. Syrova said the current Reach Code noted all new developments had to be all-electric unless someone asked for an exemption, such as for their restaurant. Commissioner Fung inquired if the nine-circuit decision was going to impact Cupertino's Reach Codes. Ms. Syrova said possibly, that was why staff was exploring an air quality focus or a building performance focus, which was at the development stage.

Lausen, public speaker and Sunnyvale resident, wanted to know how much electricity was green energy or what came from solar. Ms. Syrova responded Cupertino and the City of Sunnyvale were under the Silicon Valley Clean Energy umbrella. They purchased green energy for residents unless a person opted out.

Ms. Morin suggested some discussion prompts for the Sustainability Commission (Commission) on this subject, to help the Commission think about this item a little more in-depth: 1) Was there anything the Commission thought Cupertino needed to focus on specifically as they did the public engagement survey; 2) Was there something the Commission thought the Cupertino community specifically cared about; 3) Regarding the discussion prompts presented on slide 11, were there issues the Commission cared about more than others.

Commissioner Fung wanted to know if there were partnerships with the Chamber of Commerce (Chamber) when staff conducted outreach. Ms. Morin asked if Commissioner Fung was asking specifically about the Chamber. The division does not have an agreement with the Chamber. Staff has worked with our Economic Development Manager on outreach, and he works with the Chamber. Commissioner Fung thought it was better to partner with the Economic Development team on the engagement side of things. Ms. Syrova was recently approached by the Economic

Development Manger regarding hosting a meeting, including inviting businesses, to discuss what rebates were available to them and to help them green their spaces while saving money.

Vice Chair Hansen liked the enabling options but promoted solar conversion because then people were likely to convert all their appliances. Ms. Syrova clarified what Vice Chair Hansen was saying, if BayREN and Silicon Valley Clean Energy created these concierge services, they needed to include solar as part of the conversion as well. Vice Chair Hansen said yes. Chad Mosley, Director of Public Works suggested it was the capacity of PG&E to be involved in those projects, there were some long delays right now. Ms. Syrova clarified she was not saying that solar was not able to offset some demand, she was just saying that people were not out of electricity right this minute.

Vice Chair Hansen wondered if it could be decreed that people keep their heaters at a certain temperature during the winter.

NO ACTION TAKEN

4. 2024 Earth and Arbor Day Festival

Nick Kibilov, Sustainability Fellow gave a presentation on the 2024 Earth and Arbor Day Festival. He mentioned a fact sheet that would be provided for people who were going to be working at the booth, and additionally, there was a waste sorting game he debuted.

Vice Chair Hansen wanted to know if there was going to be a tree planting on Earth and Arbor Day. Victoria Morin, Sustainability Specialist said the tree planting was at 2 p.m. at Wilson Park.

Chair Padgaonkar wondered if there were going to be nametags. Ms. Morin had GreenTeam t-shirts for everyone.

NO ACTION TAKEN

FUTURE AGENDA SETTING

- Youth Engagement Activity
- Climate change adult action campaign/hosting a workshop for
- Carbon reduction ideas
- Opportunities and challenges of recycled water in Cupertino
- Discuss zero emission vehicles and chargers.
- Municipal plan to electrify fleet
- Landfill Agreement/Post-Collection RFP update
- Brainstorm funding ideas for the City
- Presentation on Recycling: What do we do locally compared to neighboring jurisdictions

ADJOURNMENT

Meeting adjourned at 5:22 p.m.

SUBMITTED BY:

Victoria Morin, Staff Liaison

Note: Any attachments can be found on the Cupertino Website
<https://www.cupertino.org/our-city/agendas-minutes>

Sustainability Commission

April 18, 2024



CUPERTINO

Chair Elections

Victoria Morin



CUPERTINO

Why are we voting for a Chairperson and Vice Chairperson?

2.94.040 Chairperson.

The Commission shall elect its chairperson and vice-chairperson from among its members and shall appoint a secretary. Terms of the chair and vice-chair shall be for one year and shall be complete on January 30th.

What is the responsibility of the chair?

- Facilitate the Commission Meetings
 - Start and close the meeting, follow the agenda, call on other commissioners to speak
- Work with the Liaison to create the agenda
- Represent the Commission at the Mayor's Commission Meetings (2nd Wednesday every other month)

Discussion prompts

- Nominate yourself or another member of the commission to be the chair with an explanation why.
- Accept or decline the nomination.
- More than one nomination can be made.

When you are ready, make a motion to vote.

Building Decarbonization update

Ursula Syrova



CUPERTINO

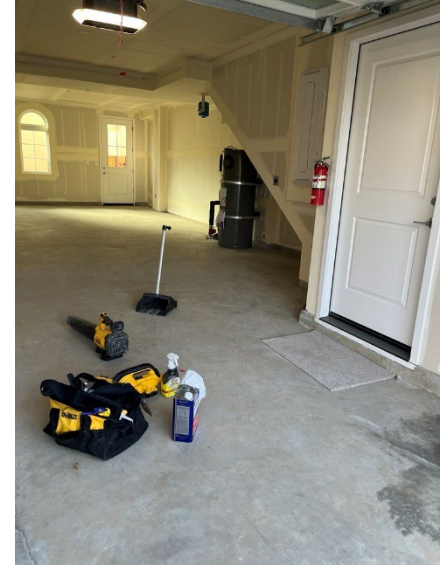
What is “decarbonization”?

- Carbon-free electric supply + electrified things (vehicles, buildings, processes)
- We mostly use it to talk about **buildings**:
 - Electric heat pump water heaters, space heating/cooling, stoves
- In CAP 2.0 as “Cleaning the Air (Renewable Energy and Electrification)”
BE-2 Residential and BE-3 Commercial existing buildings.



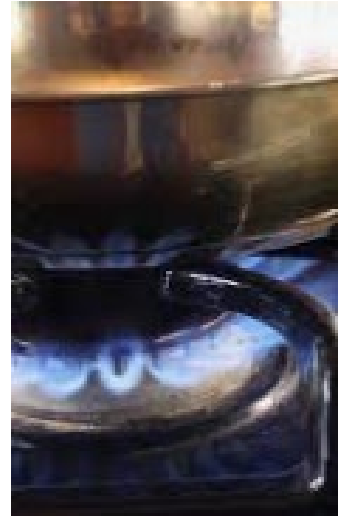
We have a “reach code”

- CMC 16.32: Newly constructed buildings shall be all-electric
- Exemption for restaurant stoves allowed
- If exemption granted, building still must be “electrically pre-wired for future electric appliance installation”



The Berkeley 9th Circuit Ruling

- Berkeley's reach code passed in 2019, had no exemption for restaurants
- Berkeley was sued by the CA Restaurant Association and settled
- Banning use of natural gas goes against the federal Energy Policy and Conservation Act (EPCA) from 1975

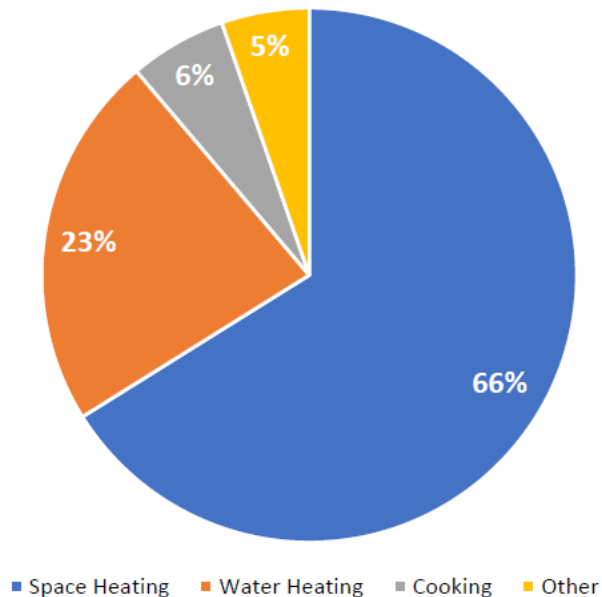


New BAAQMD Regulations

For air quality

- Buildings: >25% of all NOx emissions
- Zero NOx **water heaters** starting 1/1/2027
- Zero NOx **furnaces** starting 1/1/2029

Bay Area Residential Natural Gas Combustion NOx Emissions in 2019



Other options for encouraging decarb

- ❑ Use air quality-based requirement (e.g. no NOx-emitting appliances)
- ❑ Pass a building energy performance requirement
- ❑ Explore other enabling actions:
 - Streamlined permitting, creating triggers for electric readiness, promote rebates, etc.



Next steps

- Review/update Reach Code with CAO direction
- Community engagement including survey and workshops
- Support SVCE and BayREN “concierge” type heat pump installation service for future
- Promote rebates that are available now from BayREN, SVCE, PG&E
- Decarbonization Work Program item FY 24-25

Discussion Prompts

- Which of the options from slide 11 resonate with you and why?
- Are there any specific considerations that should be taken for Cupertino residents and businesses?

Sustainability Commission
Agenda Item #4
April 18, 2024

Earth and Arbor Day Festival

Nick Kibilov



CUPERTINO

2024 Festival Review

- Estimated 4,000 attendees
- 135 volunteers
- 95 tabling partners
- 7 Performances + Tabling Speakers
- Sponsors:



Getting there

Saturday, April 20

11 a.m. to 3 p.m.

Cupertino Library Field

- Sustainability Commission booth will be table **D1**
- City Center Parking Garage
20350 Stevens Creek Blvd



Sustainability Commission Booth

Morning Shift: 10:30 a.m. - 12:45 p.m.

- Susan Hansen
- Alex Fung

Afternoon Shift: 12:45 – 3:00 p.m.

- Conny Yang
- Sonali Padgaonkar



Talking Points & Activities

- **Climate Action Planning (CAP)**
share relevant City programs & policy information
- **Tips to reduce your footprint**
guided activity
- **Waste Management**
guided waste sorting game with prizes



Game time!

Waste Sorting