

# Sustainability Commission

April 18, 2024



**CUPERTINO**

# Chair Elections

Victoria Morin



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# 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 (2<sup>nd</sup> 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



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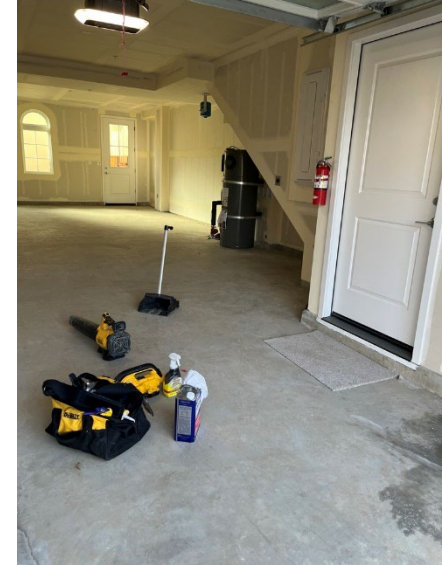
# What is “decarbonization”?

- 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.



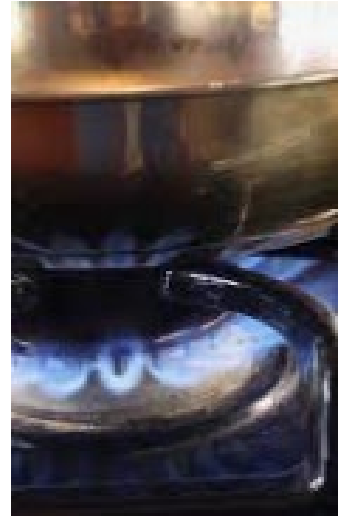
## We have a “reach code”

- 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 9<sup>th</sup> 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

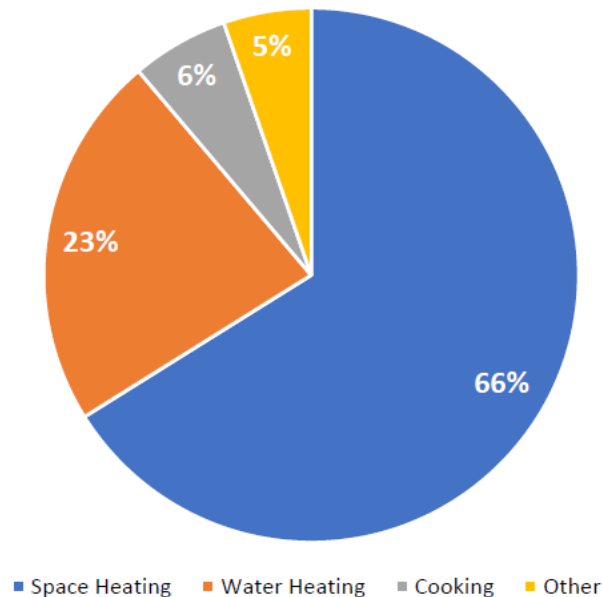


# New BAAQMD Regulations

## For air quality

- Buildings: >25% of all NO<sub>x</sub> emissions
- Zero NO<sub>x</sub> **water heaters** starting 1/1/2027
- Zero NO<sub>x</sub> **furnaces** starting 1/1/2029

Bay Area Residential Natural Gas Combustion NO<sub>x</sub> 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?

# Earth and Arbor Day Festival

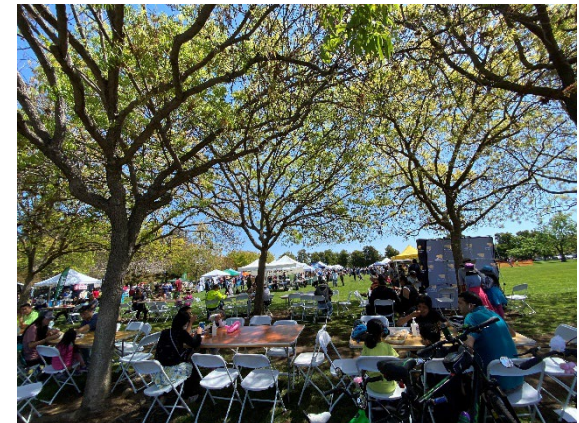
Nick Kibilov



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# 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**