



P.O. Box 5006
Fremont, CA 94537-5006

Environmental Sustainability Commission Regular Meeting Agenda and Report – March 5, 2020

General Order of Business

1. Call to Order - 4:00 p.m.
2. Roll Call
3. Written and Oral Communications
4. Approval of Minutes/Agenda Review
5. Staff Presentations and Action Items
6. Adjournment

Order of Discussion

Generally, the order of discussion after introduction of an item by the Chair will include comments and information by staff followed by Environmental Sustainability Commission (ESC) questions or inquiries. An authorized representative or interested citizen may then speak on the item. At the close of public discussion, the item will be considered by the ESC and action taken.

Addressing the Environmental Sustainability Commission

Any person may speak on any item under discussion by the ESC after receiving recognition from the Chair. When addressing the ESC, please state your name and address. In order to insure all persons have the opportunity to speak, a time limit may be set by the Chair for each speaker. In the interest of time, please limit your comments to new material; do not repeat what a prior speaker has said.

Oral Communications

Any person desiring to speak on a matter, which is not scheduled on this agenda, may do so under the Oral Communications section. Please be aware provisions of the California Government Code Section 54954.2(b) prohibit the ESC from taking any immediate action on an item, which does not appear on the agenda, unless it meets stringent requirements. The Chair may limit the length of your presentation.

For agenda copies or information about the City or items scheduled on the Agenda and Report refer to: Community Development Department, P.O. Box 5006, Fremont, CA 94537-5006, phone (510) 494-4557.

Agenda – Fremont Environmental Sustainability Commission Regular Meeting

March 5, 2020

Your interest in the conduct of your City's business is appreciated.

Environmental Sustainability Commission:**City Staff**

Shreya Ramachandran, Student Commissioner
 Paul Kelley, Business Community
 John Rennels, Development/Construction Industry
 Richard Godfrey, Environmental Organization (Chair)
 Shiva Swaminathan, Public At Large
 Carolyn Obata, Public At Large
 Daniel O'Donnell, Public At Large (Vice Chair)
 Nate Ivy, FUSD Representative

Dan Schoenholz, Director,
 Community Development
 Rachel DiFranco, Sustainability Manager,
 Community Development
 Maria Salinas, Comm. Dev. Services Supervisor,
 Community Development
 Margaux Juta, Senior Office Specialist,
 Community Development

**AGENDA
 FREMONT ENVIRONMENTAL SUSTAINABILITY
 COMMISSION (ESC)
 REGULAR MEETING
 March 5, 2020, 4:00 p.m.**

**Niles Room, Development Services Center
 39550 Liberty Street, Fremont, CA 94538**

1. **Call to order** (*Chair Godfrey*)
2. **Roll call and introduction of staff** (5 min)
3. **Oral and written communications** (5 min)
4. **Approval of minutes** ([December 5, 2019](#)) and review of agenda (5 min)
5. **Scheduled Items**

- 5.1 **Staff Updates** (10 min)

Staff will provide updates on various City sustainability efforts.

- 5.2 **Commissioner Announcements** (10 min)

This is an opportunity for Commission members to make announcements on matters of interest to the Commission as a whole.

5.3 Report out on Reach Code Outreach

(40 min)

BACKGROUND:

At the October 15, 2019 Special ESC meeting, staff reviewed a number of potential sustainability-related building “reach codes” that the Commission had previously expressed interest in at the September 5, 2019 Regular meeting. These opportunities focused on model building code options that have already been vetted for “cost-effectiveness” to align with statewide requirements. The Commission offered the following feedback to staff:

New construction

- Generally interested in requiring either an all-electric or emissions-focused/electric-preferred energy requirement. Were concerned about eliminating the option of gas cooking from a cultural perspective, but also saw the health benefits of doing so.
- Potentially interested in increasing the minimum requirement for mandatory residential solar systems by including mid-rise/high-rise residential and/or requiring battery energy storage systems with the PV install. Would like to see estimates for the addition costs associated with these options and how this could impact developers.
- Interested in establishing a minimum solar requirement for commercial buildings, perhaps to install solar in the “solar zone” (15% designated solar-ready roofspace that is already a minimum requirement).
- Potentially interested in requiring battery energy storage readiness for commercial construction. Would like to see further analysis of what this would look like and if it would have associated costs.
- Generally interested in requiring greywater-ready plumbing in new construction as well as other water efficiency measures.
- Generally interested in modifying the City’s requirements for electric vehicle readiness options, with a focus on making sure that the charging speeds (Level 1, Level 2, or DC Fast Charging) are specified according to the most appropriate choice for the site needs. Potentially interested in focusing more on enhancing residential charging infrastructure and focusing less on additional commercial requirements.
- Generally interested in requiring cool roofs for any building type where it has proven to be cost effective in our climate zone.

Existing buildings

- Generally interested in requiring pre-wiring for future electric appliances (electric stoves/ovens, clothes dryers, heat pump water heaters, heat pump space heaters) and increasing minimum electric panel sizing in residential retrofits to prepare for future electrification.

Based on this feedback, staff has continued to work with the statewide codes and standards team as well as reach codes consultants supported by East Bay Community Energy to further fine-tune the potential reach code measures

before presenting them to the Commission for recommendation to Council. Staff will be ready to present final reach code options for the Commission to vote on at a future meeting.

In addition, staff from the City's Sustainability and Economic Development teams have been engaging with key stakeholders in the community to hear some of their interests and concerns related to the aforementioned potential reach code options. Staff will summarize and share some of this feedback with the Commission at this time.

RECOMMENDATION: Receive and consider.

5.4 Climate Action Plan 2.0 Outreach (40 min)

At the December 5, 2019 Regular ESC meeting, Sustainability staff highlighted CAP 2.0 update efforts to date, reviewing the projected timeline for both the technical analysis as well as community outreach and engagement. In particular, staff reviewed potential community engagement approaches with the Commission and asked for feedback regarding these approaches.

Since that time, staff has continued to engage with and solicit feedback from the community through a number of mechanisms, including pop-up events, stakeholder meetings, and community surveys. Staff is also working to plan some more focused outreach events, including a larger community workshop where any member of the public can participate in idea generation and visioning exercises.

Staff will provide an overview of recent and upcoming outreach and engagement opportunities with the Commission, specifically soliciting feedback on the draft workshop agenda. Staff would also like to request the formation of a subcommittee of Commissioners to support the planning and implementation of this CAP 2.0 community workshop.

RECOMMENDATION: Receive and consider.

6. Adjourn