



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

Environmental Sustainability Commission Special Meeting Agenda and Report – October 17, 2019

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.

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)
 SPECIAL MEETING
 October 17, 2019, 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** ([September 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, including updates on the Niles Canyon Stroll & Roll, SunShares Program, and Fremont Solar Homes Tour.

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 2019 Building Code Sustainability Opportunities, continued (75 min)

BACKGROUND:

At the September 5, 2019 Regular ESC meeting, staff presented an overview of potential opportunities for building code amendments that would “reach” beyond state code to require higher levels of sustainability within the City of Fremont. After discussing a variety of potential options, staff was asked by the Commission to provide further details on opportunities in a number of areas, including all-electric building design, electric vehicle infrastructure, greywater systems, mandatory solar, battery storage, green roofs, “better” concrete, bike parking, and deconstruction/demolition.

While some of these opportunities are possible through local amendments to the Building Code (incorporated as Title 15 of the Municipal Code), others fall within different parts of the Fremont Municipal Code (FMC). Due to the timeframe of the Building Code update, staff is focusing this meeting’s discussion on opportunities specific to Title 15-Buildings and Construction.

Staff will therefore review model building code options with the Commission that have already been vetted for “cost-effectiveness”, including:

- All-electric, emissions-focused/electric-preferred, and efficiency-focused/fuel-neutral energy options for new construction
- Heat pump space heating and electric panel upgrade options for existing construction
- Mandatory solar for all building types
- Energy storage readiness options
- Low carbon concrete options
- Laundry-to-landscape ready plumbing options
- Electric vehicle readiness options
- Cool roof and green roof options

After reviewing these opportunities, the Commission will provide feedback to staff on which Building Code options it would like staff to refine further. These will be proposed at a subsequent meeting for the Commission to make a formal recommendation to City Council.

Deconstruction and demolition requirements, which fall under FMC Title 8-Health and Safety will be reserved for discussion at subsequent meetings.

In addition, opportunities that fall into FMC Title 10-Vehicles and Traffic and FMC Title 18-Planning and Zoning, such as solar parking lots, bike parking requirements, and other sustainable transportation concerns like carsharing, will also be discussed at subsequent meetings.

RECOMMENDATION: Receive and consider.

6. Adjourn