



**COUNCIL ENVIRONMENTAL
SUSTAINABILITY COMMITTEE**

AGENDA

REGULAR MEETING – THURSDAY, MARCH 14, 2013
ATRIUM CONFERENCE ROOM AT CITY HALL – 500 CASTRO STREET
6:30 P.M.

1. CALL TO ORDER

2. ROLL CALL

Committee Members: Ronit Bryant, Jac Siegel, and Chair Chris Clark.

3. MINUTES APPROVAL

Minutes for the October 18, 2012 meeting have been delivered to Committee members and copies posted on the City Hall bulletin board. If there are no corrections or additions, a motion is in order to approve these minutes.

4. ORAL COMMUNICATIONS FROM THE PUBLIC

This portion of the meeting is reserved for persons wishing to address the Committee on any matter not on the agenda. Speakers are limited to three minutes. State law prohibits the Committee from acting on nonagenda items.

5. UNFINISHED BUSINESS – None.

6. NEW BUSINESS

6.1 ENERGY UPGRADE MOUNTAIN VIEW PROGRAM – POSSIBLE CONTINUATION

Overview:

The Committee will consider forwarding a recommendation to the City Council regarding the possible continuation of the Energy Upgrade Mountain View (EUMV) program.

Recommendation:

Consider forwarding a recommendation to the City Council regarding the possible continuation of the Energy Upgrade Mountain View (EUMV) program in Fiscal Year 2013-14.

7. COMMITTEE/STAFF COMMENTS, QUESTIONS, COMMITTEE REPORTS

No action will be taken on any questions raised by the Committee at this time.

8. ADJOURNMENT

SA/5/PWK
916-03-14-13A-E

AGENDAS FOR BOARDS, COMMISSIONS, AND COMMITTEES

- The specific location of each meeting is noted on the notice and agenda for each meeting which is posted at least 72 hours in advance of the meeting. Special meetings may be called as necessary by the Committee Chair and noticed at least 24 hours in advance of the meeting.
- Questions and comments regarding the agenda may be directed to the Transportation and Business Services Division of the Public Works Department at (650) 903-6311.
- Interested persons may review the agenda and staff reports at the Public Works Department counter beginning at 4:00 p.m. the Friday evening before each regular meeting. A copy can be mailed to you upon request. Staff reports are also available during each meeting.
- **SPECIAL NOTICE—Reference: Americans with Disabilities Act, 1990**
Anyone who is planning to attend a meeting who is visually or hearing-impaired or has any disability that needs special assistance should call the Public Works Department at (650) 903-6311 48 hours in advance of the meeting to arrange for assistance. Upon request by a person with a disability, agendas and writings distributed during the meeting that are public records will be made available in the appropriate alternative format.
- The Board, Commission, or Committee may take action on any matter noticed herein in any manner deemed appropriate by the Board, Commission, or Committee. Their consideration of the matters noticed herein is not limited by the recommendations indicated herein.
- **SPECIAL NOTICE—**Any writings or documents provided to a majority of the Council Environmental Sustainability Committee regarding any item on this agenda will be made available for public inspection in the Public Works Department, located at 500 Castro Street, during normal business hours and at the meeting location noted on the agenda during the meeting.

ADDRESSING THE BOARD, COMMISSION, OR COMMITTEE

- Interested persons are entitled to speak on any item on the agenda and should make their interest known to the Chair.
- Anyone wishing to address the Board, Commission, or Committee on a nonagenda item may do so during the "Oral Communications" part of the agenda. Speakers are allowed to speak one time on any number of topics for up to three minutes.



COUNCIL ENVIRONMENTAL
SUSTAINABILITY COMMITTEE

MINUTES

REGULAR MEETING – THURSDAY, OCTOBER 18, 2012
ATRIUM CONFERENCE ROOM AT CITY HALL – 500 CASTRO STREET
6:30 P.M.

1. **CALL TO ORDER**

The meeting was called to order at 6:30 p.m. by Chair Bryant.

2. **ROLL CALL**

Committee Members: Margaret Abe-Koga (arrived at 6:37 p.m.), Jac Siegel, and Chair Ronit Bryant were present.

City Staff: Linda Forsberg, Transportation and Business Manager; Steve Attinger, Environmental Sustainability Coordinator; Elizabeth Flegel, Water Conservation Coordinator; Thuy Le, Senior Administrative Analyst; John Marchant, Parks Section Manager; Bruce Hurlburt, Parks and Open Space Manager; Jaymae Wentker, Fire Marshal; and Eric Anderson, Urban Runoff Coordinator.

Absent: None.

3. **MINUTES APPROVAL**

Motion – M/S Bryant/Siegel – Carried 2-0; Abe-Koga absent – Approve the minutes of the February 29, 2012 meeting.

4. **ORAL COMMUNICATIONS FROM THE PUBLIC**

Steve Schmidt, Bruce England, and David Paradise spoke in support of continuing the Energy Upgrade Mountain View (EUMV) program beyond December 2012. Shani Kleinhaus encouraged the City to consider bird-friendly building designs for new construction and major remodels, particularly in the wildlife-heavy North Bayshore Area.

5. **UNFINISHED BUSINESS** – None.

6. NEW BUSINESS

6.1 UTILITY BILL DESIGN

Water Conservation Coordinator Flegel presented an oral staff report and responded to the Committee's questions.

Speaking from the floor expressing concerns about the current utility bill design and/or offering suggestions:

- Bruce England
- David Paradise
- John Carpenter

Committee members provided input about possible changes to the design of the bill and asked for an update at a future meeting.

6.2 WILDLIFE PROTECTION TRAINING WITHIN SHORELINE AT MOUNTAIN VIEW

Parks Section Manager Marchant presented an oral staff report and responded to the Committee's questions.

Speaking from the floor in support of the City's efforts to protect wildlife in Shoreline at Mountain View:

- Shani Kleinhaus
- Rebecca Feind
- Annette Herz
- Laurie Bechtler

6.3 INTEGRATED PEST MANAGEMENT PROGRAM UPDATE

Urban Runoff Coordinator Anderson presented an oral staff report and responded to the Committee's questions.

Speaking from the floor expressing concerns about the current Integrated Pest Management (IPM) policy and/or offering suggestions:

- Annette Herz
- John Carpenter
- Bruce England
- Shani Kleinhaus
- Thomas Raffill
- David Paradise
- Jeff Segall

6.4 SUSTAINABILITY OUTREACH PROGRAM

Environmental Sustainability Coordinator Attinger presented an oral staff report and he and Transportation and Business Manager Forsberg responded to the Committee's questions.

Speaking from the floor in support of enhancing the City's sustainability outreach efforts and making it easier for the public to access information:

- John Carpenter
- Steve Schmidt
- David Paradise

Motion – M/S Abe-Koga/Siegel – Carried 3-0 – To recommend to the City Council to reallocate the remainder of the Green Mountain View funds and use Environmental Sustainability program budget to fund \$10,000 to continue Energy Upgrade Mountain View for existing participants only from January 1, 2013 through June 30, 2013.

6.5 COMMERCIAL PACE FINANCING PROGRAM

Environmental Sustainability Coordinator Attinger presented an oral staff report and he and Transportation and Business Manager Forsberg responded to the Committee's questions.

Speaking from the floor expressing concerns about the PACE program not assisting Homeowner Associations (HOAs) with improvements to the common area:

- John Carpenter

7. COMMITTEE/STAFF COMMENTS, QUESTIONS, COMMITTEE REPORTS

None.

8. ADJOURNMENT

The meeting was adjourned at 9:26 p.m.

SA/5/PWK

916-10-18-12mn-E

**MEMORANDUM**

Public Works Department

DATE: March 14, 2013

TO: Council Environmental Sustainability Committee

FROM: Steve Attinger, Environmental Sustainability Coordinator
Linda Forsberg, Transportation and Business Manager
Michael A. Fuller, Public Works Director

SUBJECT: Energy Upgrade Mountain View Program – Possible Continuation

RECOMMENDATION

Consider forwarding a recommendation to the City Council regarding the possible continuation of the Energy Upgrade Mountain View (EUMV) program in Fiscal Year 2013-14.

BACKGROUND

In January 2011, the City Council authorized a professional services agreement with High Energy Audits (HEA) to design and implement EUMV, a residential energy assessment and upgrade program. Federal Energy Efficiency and Conservation Block Grant (EECBG) moneys (\$319,000) were used to fund the EUMV program through December 31, 2012.

At its October 18, 2012 meeting, the Council Environmental Sustainability Committee (CESC) indicated an interest in extending and funding a more limited EUMV program beyond December 31, 2012 to allow existing EUMV participants (no new sign-ups) to continue to receive monthly energy usage alerts, monthly energy saving tips, and online access to their home energy profiles for tracking purposes.

On December 11, 2012, the City Council authorized a six-month extension (through June 30, 2013) for the limited EUMV program. The current six-month extension is being funded from one-time funding available in the environmental sustainability program budget at a cost of \$10,000.

Also during its October meeting, the CESC discussed the possibility of continuing the EUMV program in Fiscal Year 2013-14. The topic is being presented to the CESC at this

time to provide the Committee with the opportunity to discuss possibly supporting a budget request to continue the program next fiscal year.

ANALYSIS

Residents who signed up for the EUMV program have received a personalized analysis of their home energy use (Attachment 1), and based on their energy use profile, also received customized audit services, support, and recommendations to reduce their energy use and carbon emissions. EUMV participants also received monthly energy usage alerts (Attachment 2), monthly energy saving tips, and online access to their home energy profiles.

Since its launch in April 2011, the EUMV program achieved the following results:

- More than 1,300 participants enrolled in the program.
- The top 25 percent of EUMV participants, in terms of energy saved, reduced their energy bills by approximately \$610 per year.
- The average EUMV participant lowered their energy bill by approximately \$170 per year.
- Participating households, collectively, are saving 441 metric tons of carbon (CO₂e) emissions per year, which is equivalent to the annual electricity use of 177 homes or removing 90 vehicles from the road for a year.

The results described above may be somewhat understated. More than 65 percent of the program sign-ups occurred in the latter half of 2012, leaving little time for the City to track and report on actual energy savings or carbon emission reductions that have resulted from the EUMV program. The current six-month extension of EUMV is providing the City with the opportunity to gather more comprehensive, real-world data on the effectiveness of the program.

CONTINUATION OF THE EUMV PROGRAM – OPTIONS

Staff has identified the following options for the possible continuation of the Energy Upgrade Mountain View (EUMV) program in Fiscal Year 2013-14. CESC input is requested.

1. Continue EUMV Online Support Only – \$12,000

This option would continue the EUMV program, as it is currently, in Fiscal Year 2013-14 at an estimated cost of \$12,000. Existing EUMV program participants would continue to receive monthly energy usage alerts, monthly energy saving tips, and online access to their home energy profile for tracking purposes. There would be no new sign-ups for program participants.

2. Resume Full EUMV Program – \$85,000

Under this option, a program similar to the EUMV program that was in place between April 2011 and December 2012 would be made available for new sign-ups in Fiscal Year 2013-14. Program elements would include:

- Actively seeking new participants through a variety of outreach efforts (e.g., utility bill flyers, providing information in *The View* and on the City's website and social media sites, evening presentations, etc.).
- Conducting the same type of home energy assessments and providing the same incentives (e.g., energy use monitoring and energy-saving devices) that were offered in the past to new program participants.
- Providing new program participants with customized e-mail and telephone support, monthly energy use and energy reduction tip e-mails, and online energy tracking capabilities.
- Existing EUMV program participants would continue to receive monthly energy usage alerts, monthly energy saving tips, and online access to their home energy profile for tracking purposes.

Staff estimates that there is still sufficient unmet demand for the EUMV program in the community to enroll as many as 500 new EUMV program participants. The estimated cost to expand the program to sign up these new participants, and to continue providing services to existing participants, during Fiscal Year 2013-14 is \$85,000.

Based on the results of the initial EUMV program, staff estimates enrolling an additional 500 program participants in Fiscal Year 2013-14 could reduce carbon emissions by an additional 135 metric tons per year. This reduction in emissions would be in addition to the estimated 441 metric ton reduction already being realized through the initial EUMV program.

3. Discontinue EUMV Program After June 30, 2013 – No Fiscal Impact

Cease all EUMV program activities after June 30, 2013.

FISCAL IMPACT

The remaining balance of funding available for the environmental sustainability program will not be sufficient to cover the cost of continuing the EUMV program in Fiscal Year 2013-14—either in its current reduced form (\$12,000) or as an expanded program with new sign ups (\$85,000). Additional limited-period funds will be required to continue the EUMV program next fiscal year. Any funding request for a continuation of the EUMV will need to be considered in light of the other limited-period funding requests submitted for Fiscal Year 2013-14 by other City departments.

CONCLUSION

CESC input/direction regarding the possible continuation of the EUMV program is requested so that an appropriate funding request can be submitted to the City Council as part of the Fiscal Year 2013-14 budget process.

SA/5/PWK
916-03-14-13M-E

Attachments: 1. Sample Online Home Energy Profile Report
2. Sample Monthly E-mail Energy Use Report

cc: PWD, TBM, DCM

11/10/12

Energy Profile Report

October 2012

Report generated on November 10, 2012
A service provided by High Energy Audits Inc.

Household Summary

Number of Occupants:	3.26	Rent/Own:	Owner
Year Home Was Built:	1995	Pool:	Yes
Size of Home:	4,000 sqft.	Standalone Hot Tub/Spa:	No
Type of Home:	Single Family	Water Feature:	No
Program Registration:	January 10, 2011		

Energy Consumption Trends

based on bill dated October 09, 2012

Annual Energy Cost
\$2,176

↑ 1.0%

since you registered on 1/10/11

Energy cost of your household in the past 12 months. Percentage change is based on comparison to the benchmark, which is the year prior to your registration.

Home Idle Load
440 Watts

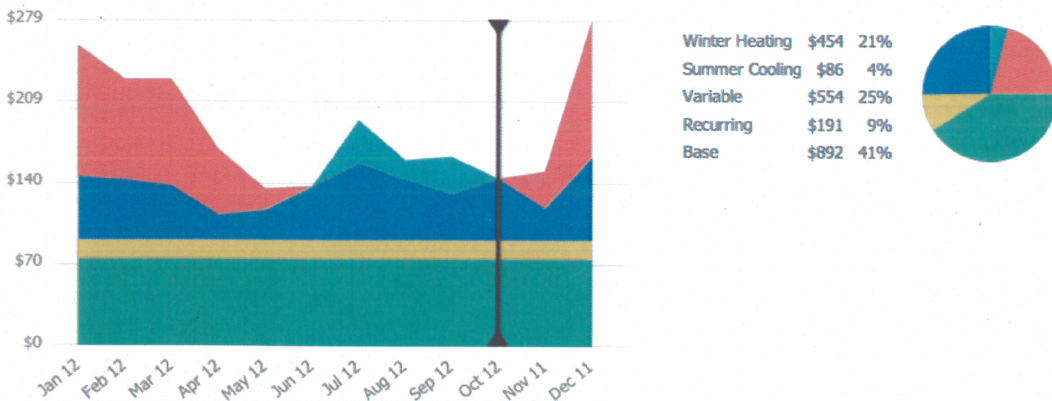
↓ 2.2%

since you registered on 1/10/11

The amount of electricity your home consumes every hour of every day.

Energy Profile

based on past 12 months



Example Home Energy Profile



We're doing it together! Mountain View residents have reduced their electricity use by 3% over the past few years. **Join in!** Please conserve energy.



Dear [REDACTED]

Here are your home energy highlights for the past month.

In the past month, you used 489 kWh of electricity and 18 therms of natural gas. Of course there are lots of reasons for changes in the short-term. Here is how your total energy use has changed since you registered:

Most homes have electronics and appliances that continuously consume electricity, even when they're off or on standby. This is your home's idle mode. Lowering this one number has a big impact. Here is how your idle mode has changed:

Annual Energy Cost

\$2,001

↑ 6.7%

since you registered on 8/4/12

Home Idle Mode

310 Watts

↓ 6.1%

since you registered on 8/4/12

Where do these numbers come from?

Each month, when your new PG&E bill becomes available, you will receive a message from us showing how your energy use is changing. Use this information to track your progress. Small, lasting changes can have a big impact.

[Log in now to view your Home Energy Profile.](#)



Example Monthly Email Energy Report