

Pursuant to Assembly Bill 361 members of the **Torrance Environmental Quality and Energy Conservation Commission** and staff will participate in this meeting via teleconference or other electronic means.

**PARTICIPATE BEFORE THE MEETING** by emailing [EnvironmentalCommission@TorranceCA.Gov](mailto:EnvironmentalCommission@TorranceCA.Gov) and writing "Public Comment" in the subject line. In the body of the email include the item number and/or title of the item with your comments.

**MEMBERS OF THE PUBLIC MAY VIEW AND PARTICIPATE IN THE MEETING** via Zoom at: <https://zoom.us> or (720) 707-2699 and using the following credentials:

Meeting ID: 991 4547 8767

Passcode: 324924

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's office at (310) 618-2780. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28CFR35.102-35.104 ADA Title II]

Direct questions or concerns to the Commission Liaison at (310) 618-5930 or individual department head prior to submission to the Commission. Parties will be notified if the complaint will be included on a subsequent agenda.

**TORRANCE ENVIRONMENTAL QUALITY AND ENERGY CONSERVATION  
COMMISSION AGENDA  
AUGUST 04, 2022  
REGULAR MEETING  
7:00 P.M. VIA TELECONFERENCE OR OTHER ELECTRONIC MEANS**

**ENVIRONMENTAL QUALITY AND ENERGY CONSERVATION COMMISSION MAY  
TAKE ACTION ON ANY ITEM LISTED ON THE AGENDA**

**1. CALL MEETING TO ORDER/ROLL CALL**

**2. FLAG SALUTE:**

**3. REPORT OF STAFF ON THE POSTING OF THE AGENDA**

The agenda was posted on the Public Notice Board at 3031 Torrance Bl. and on the City's Website on Thursday, July 28, 2022

**4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS**

**5. ORAL COMMUNICATIONS (Limited to a 15 minute period)**

*This portion of the meeting is reserved for public comment on items not on the agenda under the subject matter of the Environmental Quality and Energy Conservation Commission. Under the Ralph M. Brown Act, Commissioners cannot act on items raised during public comment but may respond briefly to statements made or questions posed; request clarification; or refer the item to staff. Speakers under this Public Comment period will have no longer than 3 minutes per speaker. Please do not use Bluetooth or speaker devices, mute the volume on your television or other electronic devices and speak clearly. Your phone call to the Commission meeting will be recorded as part of the meeting. By staying on the line and making public comment during the meeting, you are agreeing to have your phone call recorded.*

**6. CONSENT CALENDAR**

*Matters listed under the Consent Calendar are considered routine and will be enacted by one motion and one vote. There will be no separate discussion of these items. If discussion is desired, that item will be removed by a Commissioner from the Consent Calendar and considered separately.*

ROLL CALL: Endo-Roberts \_\_\_\_\_ Hill \_\_\_\_\_ Jendrucko \_\_\_\_\_ Love \_\_\_\_\_ Seferian \_\_\_\_\_ Stecker \_\_\_\_\_ Chairperson Wright \_\_\_\_\_

TEQECC 8/04/2022

**6A. APPROVAL OF MINUTES: JULY 07, 2022**

**7. ADMINISTRATIVE MATTERS**

**7A. DISCUSSION OF CLIMATE SMART AWARDS NOMINATION FORM.**

Recommendation of the Community Development Director that the Commission provide feedback and approval of the on-line version of the form.

**7B. DISCUSSION OF CLIMATE SMART AWARDS CERTIFICATE.**

Recommendation of the Community Development Director that the Commission provide feedback and approval of the certificate.

**7C. ELECTION OF CHAIRPERSON AND VICE CHAIRPERSON.**

**8. PUBLIC HEARINGS – NONE SCHEDULED**

**9. COMMISSION ORAL COMMUNICATIONS**

**10. ADJOURNMENT**

**10A.** Adjournment of Torrance Environmental Quality and Energy Conservation Commission Meeting, tentatively, to Thursday, September 01, 2022, at 7:00 p.m.

ROLL CALL: Endo-Roberts \_\_\_\_\_ Hill \_\_\_\_\_ Jendrucko \_\_\_\_\_ Love \_\_\_\_\_ Seferian \_\_\_\_\_ Stecker \_\_\_\_\_ Chairperson Wright \_\_\_\_\_

TEQECC 8/04/2022

**MINUTES OF A REGULAR MEETING OF  
THE ENVIRONMENTAL QUALITY AND  
ENERGY CONSERVATION COMMISSION**

**1. CALL TO ORDER**

The Torrance Environmental Quality and Energy Conservation Commission convened in a regular session at 7:00 p.m. on Thursday, July 7, 2022, via teleconference.

**ROLL CALL**

Present: Commissioners Endo-Roberts, Hill, Jendrucko, Stecker, and Chairperson Wright.

Absent: Commissioners Love and Seferian.

Also Present: Staff Liaison Sharron Jones, Environmental Quality Officer Nora Duncan, Planning & Environmental Manager Oscar Martinez, Community Development Director Michelle Ramirez, and Doug MacMillan.

**MOTION:** Commissioner Endo-Roberts moved to excuse the absence of Commissioner Love. Commissioner Jendrucko seconded the motion; a roll call vote reflected 4-0 approval (Commissioner Love and Seferian absent and Commissioner Stecker stepping away from Commission meeting with technical difficulties).

- At 7:09 p.m., Commissioner Stecker experienced technical difficulties and left the Commission meeting.

**2. FLAG SALUTE**

Commissioner Endo-Roberts led the Pledge of Allegiance.

**3. REPORT OF STAFF ON THE POSTING OF THE AGENDA**

Environmental Quality Officer Duncan reported that the agenda was posted on the Public Notice Board at 3031 Torrance Boulevard on Thursday, June 30, 2022.

**4. WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS**

– None.

**5. ORAL COMMUNICATIONS**

– None.

**6. CONSENT CALENDAR**

**6A. APPROVAL OF MINUTES: JUNE 2, 2022**

**MOTION:** Commissioner Endo-Roberts moved to approve the June 2, 2022 minutes as presented. Chair Wright seconded the motion; a roll call vote reflected 4-0 approval (Commissioner Love and Seferian absent, and Commissioner Stecker stepped away from the Commission meeting with technical difficulties).

## 7. ADMINISTRATIVE MATTER

### 7A. PRESENTATION BY DOUG MACMILLAN – “OFF THE GRID”

Doug MacMillan presented a PowerPoint presentation regarding the importance of efficiency, relevant energy, and ways to begin conversion processes to waste less.

- Due to gas, chemicals, cleaners, paints, carpet, and plastics in the home, the air outside your home is cleaner than the air inside your home.
- CO2 covers the earth and traps the heat, hence the earth's temperature increase.
- The cost of driving a gasoline vehicle is \$50,000; in a span of 8 years, an average SUV uses approximately \$5,000 worth of gas a year and costs approximately \$1,000 a year to maintain. In comparison, the cost of driving an electric vehicle in approximately the same time span costs \$1,500.
- During an average SUV's 8-year lifespan, it puts out 20x its own weight in CO2. The average SUV generates approximately 100,000 pounds of CO2 over its lifespan.
- A gas water heater will cost an average of \$200 a year even if one does not use it because the pilot light is on all the time.
- Various water heaters were displayed, the tankless water heater, the electric tankless water heater, and the hybrid water heater being the most efficient.
- Byproducts of gas stoves are dangerous due to CO2, CO, NO2, and natural gas. Induction cookers heat food twice as fast without emitting dangerous fumes.
- Solar panels and batteries can prevent power outages in one's home.
- Energy from solar panels can provide one with 40,000 miles of driving every year for electric vehicles.
- MacMillan stated that he's a founding member of the Tesla Virtual Power Plant, a 50,000 member California group who can place power back on to the grid in cases of power outages by combining power from surrounding Tesla batteries.
- For 2 minutes in May 2022, California ran off 100% renewable energy.
- MacMillan offered 10 induction cookers to offer the public; the goal will be for one to cook with the induction cooker for a month and pass it along to another person for education, less pollution, and cost saving purposes. Contact [dougmacmillan1@me.com](mailto:dougmacmillan1@me.com) for delivery.

Commissioner Jendrucko thanked MacMillan for the presentation and inquired what would be the best efficiency option to start with. MacMillan replied that the induction cooker is best because it's portable and inexpensive. MacMillan suggested solar panels if one wanted to go a step further as it's getting cheaper year by year (if it's not taxed as much) and it's a great step towards resiliency.

**7B. DISCUSSION OF CLIMATE SMART AWARDS NOMINATION FORM**

Environmental Quality Officer Duncan requested feedback on the Climate Smart Awards online nomination form.

Chair Wright stated that he would like to review the online nomination form in more detail.

Commissioner Endo-Roberts stated that she liked how the form was easy to use.

Chair Wright stated that he's pleased with the results and requested Staff bring the nomination form back to the next Commission when more Commissioners are present.

Commissioner Jendrucko suggested to have language stating that the Climate Smart Awards is an inaugural event.

Environmental Quality Officer Duncan made note of Commissioner Jendrucko's suggestion.

Environmental Quality Officer Duncan stated that dates have been provided on the nomination form; Staff is thinking of taking submissions from September 2022 to March 2023 and recognizing award winners May 2023 to June 2023.

**8. PUBLIC HEARINGS**

– None.

**9. COMMISSION ORAL COMMUNICATIONS**

Members of the Commission spoke.

**10. ADJOURNMENT**

**MOTION:** At 8:07 p.m., Commissioner Endo-Roberts moved to adjourn the meeting to Thursday, August 4, 2022, at 7:00 p.m. The motion was seconded by Commissioner Hill; a roll call vote reflected 4-0 approval.

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*TORRANCE CLIMATE SMART AWARD*  
CERTIFICATE OF EXCELLENCE

THIS CERTIFICATE IS AWARDED TO

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*STUDENT NAME*

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For Outstanding Stewardship of the Environment for Climate  
Smart Youth

July 27, 2022

*Torrance Environmental Quality and Energy Conservation  
Commission*

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# Torrance Climate Smart Award

TORRANCE ENVIRONMENTAL QUALITY AND ENERGY CONSERVATION COMMISSION

Name

HAS BEEN RECOGNIZED FOR OUTSTANDING STEWARDSHIP OF THE ENVIRONMENT FOR WATER CONSERVATION

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GARRETT WRIGHT, COMMISSION CHAIRPERSON

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JULY 26, 2022



*Torrance Environmental Quality and  
Energy Conservation Commission*  
**TORRANCE CLIMATE SMART AWARD**

*awarded to*

***Name of Recipient***

*For Outstanding Stewardship of the Environment for Smart Business*

*Garrett Wright, Commission Chairperson*

*Date*





*City of*  
**Torrance**