



Energy Commission

INFORMATION CALENDAR

October 29, 2019

To: Honorable Mayor and Members of the City Council
 From: Energy Commission
 Submitted by: Cate Leger, Chairperson, Energy Commission
 Subject: Berkeley Energy Commission Work Plan for 2019-2020

INTRODUCTION

The Berkeley Energy Commission is charged with advising the City Council on matters related to energy conservation and alternative energy development in the City of Berkeley. To fulfill this mission, the Energy Commission proposes taking action in the following strategic areas over the next year:

- Promoting carbon reductions in the built environment
- Reducing transportation energy use
- Supporting Citywide greenhouse gas reduction plans

CURRENT SITUATION AND ITS EFFECTS

The attached work plan outlines the specific activities and deliverables the Energy Commission will work on over the next year. The members of the Energy Commission developed this work plan in consultation with City staff to ensure alignment of priorities and gives priority to existing referrals to the Commission from the City Council.

At its meeting June 26, 2019 the Energy Commission voted to approve the attached work plan and send it to the City Council as follows: Motion/second (Schlachter, Weems). The motion carried 6-0-0-3; Ayes: Zuckerman, Weems, Bell, Leger, Stromberg. Noes: None. Abstain: None. Absent: Luce, Paulos, Patel.

BACKGROUND

In 2016, the City Council directed all commissions to submit annual work plans to the City Council at the beginning of each fiscal year.

ENVIRONMENTAL SUSTAINABILITY

The Energy Commission's Work Plan helps advance energy efficiency, clean energy, and the City's greenhouse gas reduction goals.

POSSIBLE FUTURE ACTION

The projects contemplated in the attached work plan could result in recommended actions which, if subsequently adopted by the City Council, could entail a variety of costs and benefits.

FISCAL IMPACTS OF POSSIBLE FUTURE ACTION

To be determined.

CONTACT PERSON

Billi Romain, Commission Secretary, Department of Planning and Development, (510)
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Attachments:

1: Berkeley Energy Commission's 2019-20 Work Plan

Berkeley Energy Commission's 2019-2020 Work Plan

MISSION

The Berkeley Energy Commission advises the City Council on climate protection, energy conservation, and renewable energy transition with a priority on equitable leadership and access to energy resources and technology.

STRATEGIC ISSUE AREAS

To carry out its mission, the Energy Commission will work in the following areas over the next year:

- Promoting carbon reductions in the built environment
- Promoting the use of clean, renewable energy
- Reducing transportation energy use
- Advancing zero net energy and environmentally friendly municipal building upgrades and renewable energy installation
- Supporting Berkeley Climate Action Plan and Climate Emergency Declaration
- Value perspectives and narratives of marginalized and underrepresented communities by prioritizing diverse leadership and equitable access to energy sources and emerging technology

ACTIVITIES

Within each of these strategic issue areas, the Commission will focus on the following specific activities over the next year.

Strategic Issue Area: Promoting carbon reductions in the built environment

1. Advance Berkeley's codes, policies, and programs for promoting building energy efficiency, electrification, reduced embodied energy, and green building practices

- *Deliverables:*
 - Track Building Energy Savings Ordinance performance and suggest improvements during current review and evaluation process including development of transfer tax program for energy efficiency and electrification upgrades.
 - Track and comment on other relevant City Council and staff initiatives.
- *Lead Commissioner:* Leger, Stromberg
- *Timing:* Ongoing

2. Support municipal building electrification and energy efficiency upgrades and development of municipal green building programs as outlined in Berkeley Deep Green Building.

- *Deliverables:* Track municipal building remodels and encourage adoption of municipal building green building standards.
- *Lead Commissioner:* Leger
- *Timing:* Ongoing

Strategic Issue Area: Promoting the use of clean, renewable energy

3. Track the development of East Bay Community Energy (EBCE)

- *Deliverables:*
 - Advise the City Council on EBCE decisions and provide comments on their programs, electricity mix, default offerings, and opportunities to advance City priorities.
- *Lead Commissioner:* Stromberg
- *Timing:* Ongoing

4. Encourage resilient renewable energy

- *Deliverables:*
 - Identify Berkeley municipal facilities for participation in EBCE study on critical facilities.
 - Encourage inverters for new installations and islandable inverter replacements through appropriate permit process and education of installers and customers.
- *Lead Commissioner:* Paulos
- *Timing:* Ongoing

Strategic Issue Area: Reducing transportation energy use

5. Track Electric Mobility Roadmap Initiative

- *Deliverables:*
 - Review and provide input on current Electric Mobility Roadmap Initiative.
 - Host stakeholder outreach meetings in Fall 2019
 - Support City efforts to rapidly build out dockless bikeshares, a protected bike lane network, EV charging stations, and bidirectional EV hookups for resilient power
- *Lead Commissioner:* Weems, Schlachter
- *Timing:* Ongoing

6. Support active transit and alternative transportation technologies and infrastructure issues that could reduce fossil fuel vehicle use

- *Deliverables*
 - Create standing liaison with Transportation Commission
 - Support City efforts to build out alternative and emerging technology
 - Support expansion of public transport
- *Lead Commissioner:* Paulos
- *Timing:* Ongoing

Strategic Issue Area: Supporting City wide greenhouse gas reduction plans

7. Support progress on meeting Climate Action Plan and Climate Emergency goals

- *Deliverables:*
 - Track Berkeley progress on greenhouse gas emission reductions.
 - Support new initiatives such as modifications to the Utility User's Tax and other funding sources and a new Climate Action Plan referendum to accelerate greenhouse gas reduction.

- Hold public meetings to study funding mechanisms for climate action
- *Lead Commissioner:* All
- *Timing:* Ongoing

8. Identify relevant state and regional energy and climate policies and programs.

- *Deliverables:* Provide comments for City Council on relevant State and regional energy and climate policies and programs
- *Lead Commissioner:* all
- *Timing:* Ongoing

IMPACTS

1-3 years: Accelerated reductions in greenhouse gas emissions, so that Berkeley, at the very least, achieves its 2020 Climate Action Plan goal of reducing greenhouse gas emissions 33% below 2000 levels while avoiding unintended side effects.

4-6 years: Accelerated reductions in greenhouse gas emissions so that Berkeley is on track, at the very least, to achieve its 2050 Climate Action Plan goal of reducing greenhouse gas emissions 80% below 2000 levels while avoiding unintended side effects.

