



SUSTAINABILITY COMMISSION
CITY OF PALM SPRINGS, CALIFORNIA
www.palmsprings-ca.gov www.yoursustainablecity.com

October 20, 2020 5:30 PM	MEETING AGENDA	Conducted by Video Conference
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COMMISSIONERS		
Roy Clark, Chair	Jim Flanagan	Sandra Garratt
Robert McCann, Vice Chair	David Freedman	Greg Gauthier
Carl Baker	Jennifer Futterman	Lani Miller

City of Palm Springs Vision Statement: Palm Springs aspires to be a unique world-class desert community where residents and visitors enjoy our high quality of life and a relaxing experience. We desire to balance our cultural and historical resources with responsible, sustainable economic growth and enhance our natural desert beauty. We are committed to providing responsive, friendly, and efficient customer service in an environment that fosters unity among all our citizens.

Pursuant to Executive Order N-29-20, this meeting will be conducted by teleconference and there will be no in-person public access to the meeting location.

- **To view/listen/participate in the meeting live, please use the following link:**
<https://us02web.zoom.us/j/87064801181> / call 669 900 6833, Meeting ID: 870 6480 1181
- **Written public comment may also be submitted to cityclerk@palmspringsca.gov. Transmittal prior to the meeting is required. Any correspondence received during or after the meeting will be distributed to the Board/Commission as soon as practicable and retained for the official record.**
- **The meeting will be recorded and the audio file will be available from the Office of the City Clerk and will be posted on the City’s YouTube channel, as soon as practicable.**

Staff representatives: Patrick Tallarico, Manager, Office of Sustainability; Dan DeGarmo, Program Coordinator, Office of Sustainability

Please **MUTE OR TURN OFF** all audible electronic devices for the duration of this meeting. Thank you!

CALL TO ORDER

ROLL CALL

WELCOME AND INTRODUCTIONS (5 MINUTES)

ACCEPTANCE OF AGENDA (10 MINUTES)

STAFF COMMENTS – Manager Tallarico (10 MINUTES)

1. Council Meeting Topics
 - a. Demo Garden and Turf Conversion at the Airport
2. Shredding and E-Waste Event

PUBLIC COMMENTS: This time is for members of the public to address the Sustainability Commission on Agenda items and items of general interest within the subject matter jurisdiction of the Commission. The Commission values your comments but, pursuant to the Brown Act, cannot take action on items not listed on the posted Agenda. Three (3) minutes are assigned for each speaker.

If participating by video conference to provide comments, please try to minimize background noise at your location to ensure you can be heard. Please mute your microphone when you are not speaking.

- A. PRESENTATIONS (0 MINUTES)**
 - None

- B. MEETING MINUTES (5 MINUTES)**
 - September 15, 2020, regular Meeting Minutes

- C. OLD BUSINESS (15 MINUTES)**
 - 1. Disposable Food Ware and Plastic Waste Reduction Ordinance and Outreach – Manager Tallarico
 - 2. Climate Action Roadmap and Staff Report – Manager Tallarico
 - 3. Greenhouse Gas Inventory – Manager Tallarico
 - a. Teleconference with contractor

- D. NEW BUSINESS (15 MINUTES)**
 - 1. EV Charger Expansion Award Concept Approval
 - 2. Sustainability Scholarship Program Approval

- E. SUBCOMMITTEE AND COMMISSIONER REPORTS (45 MINUTES)**
 - 1. Standing Subcommittee on Solar and Green Building - Commissioners Freedman and Flanagan
 - a. GHG Inventory
 - b. Home Energy Audit
 - c. NREL Streamlined Solar Permitting Web Application
 - 2. Standing Subcommittee on Waste Reduction – Manager Tallarico, Vice Chair McCann, Chair Clark, Commissioner Miller
 - a. Annual recycling report
 - 3. Standing Subcommittee on World Environment Day – Commissioners Futterman, Garratt, Gauthier
 - 4. Ad Hoc Subcommittee on Walkability & Pedestrian Planning - Commissioners Gauthier, Flanagan, Futterman
 - a. Walkability Master Plan and Safe Routes to Schools Master Plan
 - 5. Ad Hoc Subcommittee on Bicycle Routes and Cycling – Commissioner Flanagan
 - 6. Ad Hoc Subcommittee on Night Sky – Vice Chair McCann and Commissioner Flanagan
 - 7. Ad Hoc Subcommittee on Strategic Planning and General Plan Update – Manager Tallarico, Chair Clark, Vice Chair McCann, Commissioner Freedman
 - 8. Water Conservation – Commissioner Freedman
 - 9. Wellness – Commissioner Baker
 - a. Smoking Ordinance and Restrictions for Outdoor Dining (update from HRC)
 - 10. Desert Community Energy, Community Advisory Committee – Commissioners Baker, Freedman, Miller

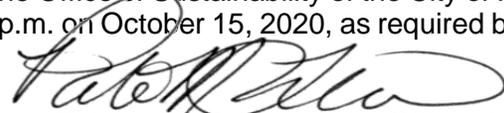
- F. COMMISSIONER COMMENTS AND UPCOMING AGENDA (10 MINUTES)**

- G. ADJOURNMENT** - The meeting of the Sustainability Commission will adjourn to the Regular Meeting of the Sustainability Commission to be held at 5:30 p.m. on Tuesday, November 17, 2020, via Video Teleconference. The Sustainability Commission’s regular meeting schedule is at 5:30 p.m. the third Tuesday each month except August unless otherwise noted or amended.

It is the intention of the City of Palm Springs to comply with the Americans with Disabilities Act (ADA) in all respects. If, as an attendee or a participant at this meeting, you need special assistance beyond what is normally provided, the City will attempt to accommodate you in every reasonable manner. Please contact the Office of the City Clerk at (760) 323-8204 at least 48 hours prior to the meeting to inform us of your needs and to determine if accommodation is feasible.

Pursuant to G.C. Section 54957.5(b)(2) the designated office for inspection of records in connection with the meeting is the Office of Sustainability, City Hall, 3200 E. Tahquitz Canyon Way, Palm Springs, CA 92262. Agenda and staff reports are available on the City's website www.palmspringsca.gov. If you would like additional information on any item appearing on this agenda, please contact the Office of Sustainability at 760-323-8214.

AFFIDAVIT OF POSTING: I, Patrick Tallarico, Manager of the Office of Sustainability of the City of Palm Springs, California, certify this Agenda was posted at or before 5:30 p.m. on October 15, 2020, as required by established policies and procedures.



Patrick Tallarico, Manager of the Office of Sustainability



City of Palm Springs

Development Services Department Sustainability Division

TO: Sustainability Commission

FROM: Patrick Tallarico, Manager

SUBJECT: Update Summary – Staff Comments and Old Business

MEETING DATE: October 20, 2020

The Office of Sustainability would like to provide this update on activities since the last Commission meeting to help speed discussion at the in-person meeting. The following items can be discussed in more depth at the meeting, if desired by the Commission.

- **Past and Upcoming Council Meeting Topics**
 - October 8, 2020 – Discussion of Airport Turf Conversion Concept Design – Approved by Council; Discussion of General Plan Vision and Priorities – Request for further input
 - October 22, 2020 – Mandatory Recycling and Organics Management Ordinance; Streamlined Permitting for EV Chargers
 - November 12, 2020 – Approval of Contract for EV Charging Services; Potentially Climate Action Roadmap
- **Shredding and e-Waste Event** – The City is hosting its next shredding and e-waste collection event at City Hall on October 17th from 8-12. We are planning to have 3 trucks for shredding and one e-waste collection truck. The event was widely marketed on social media. City Staff will report out on participation at the Commission meeting.
- **Demo Garden and Turf Conversion at the Airport** – On October 8, 2020, Council approved the concept design that was approved by the Sustainability Commission and Airport Commission in September. The City will be issuing a new purchase order for the consultant to proceed with plant selection and construction documents. Members of the Sustainability Commission and Airport Commission will be engaged in that process. We will schedule a meeting when the paperwork is in place – likely by the end of October.
- **Disposable Food Ware and Plastic Waste Reduction Ordinance and Outreach** – There has been no further activity since Council removed the item from the agenda September 24th agenda and suggested additional outreach.
- **Climate Action Roadmap and Staff Report** – The item was removed from the September 24th agenda. It may be returned to the agenda this fall, although Council may choose to move the discussion to January after the new Council members are seated. The Roadmap continues to be updated with new information being collected by the City and work being done by the Solar and Green Building Subcommittee.

- **Greenhouse Gas Emissions Inventory Update** – PlaceWorks, the consultant assisting with the inventory update, prepared the update of the 2010 data and found that results are not significantly different than the original inventory despite updates to calculation methods. Some members of the Commission met with the consultant to ask questions regarding the data. Below are some key points from the discussion:
 - Emissions generated outside the city boundaries are accounted for in the report in two ways:
 - For energy that is supplied to the City from external sources, emissions factors are used to estimate the GHG emissions for the different types of energy that Palm Springs residents and businesses use. Even though there may be power generation facilities near our borders, the GHG emissions from the power they supply is accounted for where it is used, not at the point of generation.
 - For waste sent to landfills outside our borders, GHG emissions are calculated based on the amount of waste that Palm Springs residents and businesses send to these landfills. Emissions factors are developed by the State and based on periodic waste characterizations they do to determine the composition of waste going to landfills. Emissions from the entire landfill are essentially distributed across all entities that use it.
 - For landfills within the City boundary (the old Palm Springs landfill), they calculate emissions based on any waste remaining in the landfill.
 - The 1990 baseline was likely back cast in the 2010 report. Common practice is to estimate 1990 emissions at 15% below 2010 emissions. The 1990 estimate will not be recalculated unless there is significant change based on Vehicle Miles Traveled (see below).
 - The only piece of information that may still change the 2010 update is new information on Vehicle Miles Traveled. PlaceWorks is awaiting information on the new regional transportation model. When they receive this, they may update the report.
 - When PlaceWorks does the current year analysis (2018) and the 2020 look ahead, PlaceWorks will provide information on how we are doing compared to State goals and what additional reductions we will need to meet those goals.



SUSTAINABILITY COMMISSION - REGULAR MEETING MINUTES

Tuesday, September 15, 2020

Pursuant to Executive Order N-29-20, by Governor Newsom, this meeting was conducted by teleconference and there was no in-person public access to the meeting location.

CALL TO ORDER: Chair Clark called the meeting to order at **5:30** p.m.

ROLL CALL: A quorum was present for this Regular Meeting of the City of Palm Springs Sustainability Commission.

WELCOME AND INTRODUCTIONS

AGENDA APPROVAL: The agenda was presented by Chair Clark. A motion to approve as posted was made by Commissioner Baker and seconded by Commissioner Miller and carried unanimously on an open vote.

	This Meeting	Present to Date	FY 2020/2021 Excused Absences	FY 2020/2021 Unexcused Absences
Roy Clark, Chair	X	44		
Robert McCann, Vice Chair	X	42		
David Freedman	X	54		
Jennifer Futterman	E	37	1	
Greg Gauthier	X	34		
Carl Baker	X	20		
Jim Flanagan	X	13		
Lani Miller	X	12		
Sandra Garratt	X	9		

X = Present

E = Excused (notified Chair and Staff of absence)

L = Late

U = did not notify of absence

CITY STAFF PRESENT: Patrick Tallarico, Manager, Office of Sustainability; Daniel DeGarmo, Program Coordinator.

STAFF COMMENTS – Manager Tallarico submitted a written report (which was included in the meeting materials) on the following:

- Council Meeting Topics – Manager Tallarico added that the foodware ordinance is being removed from the September 24, 2020 meeting agenda per Councilmember Holstege request. For the October 7th meeting we will try to put the climate action discussion on the agenda. Also, the Airport demonstration garden will likely be on that agenda.
- Greenhouse Gas Inventory
- Demo Garden and Turf Conversion at the Airport
- EV Charger Expansion Award Status
- Potential Ban on Pesticides/Herbicides (*ref: C3 in February 18 meeting minutes*)

PUBLIC COMMENTS – None

A. PRESENTATIONS

1. Palm Springs General Plan – David Newell, Planning Services, gave an overview of the General Plan limited update that is currently underway by the Planning Department. The Vision and Priorities sections (Step 1) are currently in the final stages and input from the Sustainability Commission was included in the update. Mr. Newell answered questions from the Commissioners also.
2. Safety Issues for 5G Network – Janet (Viva) Hoffman gave a presentation stating how the 5G Network will be detrimental to plants and animals as well as humans. She is advocating for a ban on a “smart” 5G network in Palm Springs. She stated that fiber optics would be a better choice.

B. MEETING MINUTES

July 21, 2020 Regular Meeting minutes approval: Motion by Commissioner Miller to accept as presented, second by Commissioner Flanagan. Motion passed unanimously on an open vote.

C. OLD BUSINESS

1. Disposable Food Ware and Plastic Waste Reduction Ordinance and Outreach – Manager Tallarico reported the following:
 - Some stakeholder meetings were held earlier in the month and, he spoke at the Palm Springs Hospitality Association meeting and General Managers meeting. The feedback received was that the businesses do not have the resources to comply with the new ordinance right now although a lot of them are already doing some of the things in the ordinance.
 - Councilmember Holstege requested that the ordinance discussion be removed from the September 24th agenda pending more outreach to the public.
 - Based on some of the feedback, Manager Tallarico made the following changes to the draft ordinance: changing the effective date to July 1, 2021; cleaning up some of the definitions; and updated the description of the fee for disposable foodware versus incentives.
 - He noted that plastic bag for liquid food transport will not be an exception in this ordinance.
 - There will need to be a significant public outreach component to remind the public to not request plastic foodware and condiment packages.
2. Climate Action Roadmap and Staff Report. Manager Tallarico reported
 - Greenhouse Gas Inventory for 2010 has been updated, and the GHG emissions stayed about the same despite minor updates to calculation methods.
 - Gases from landfills outside of the city limits are reported based on the amount of waste sent to landfills from Palm Springs residents and businesses.
 - A more thorough discussion will be had when the inventory is completed.
 - Comments from the Commissioners will be forwarded to the consultant.
 - Commissioner Freedman reported on the memo he prepared on reach codes and what other cities and counties are currently doing. He also prepared a cost effectiveness summary for the City of Palm Springs.
 - Commissioners agreed unanimously to move forward with the suggested areas of research for GHG reductions identified in the staff report.

D. NEW BUSINESS

1. EV Charging Stations – Manager Tallarico reported on
 - Streamlined Permitting Process was pulled earlier in the year due to COVID-19 but has now been brought back by request from the Planning Department and will hopefully be on a Council agenda in September or October.
2. Addition of CA Commercial Recycling and Organics Requirements to PS Municipal Code.
 - Manager Tallarico reported on the draft ordinance requiring that commercial businesses have recycling and organics management services per state requirements.
 - Compliance letters will be sent to commercial businesses reminding them about their need to comply. The ordinance will give the City enforcement ability.
 - The current requirement is that businesses with 2 cubic yards or more of solid waste must subscribe to an organics management service for food and/or green waste.
 - The ordinance also reflects AB827, which was passed in 2019 and requires businesses who serve food to have a collection receptacle for organic waste and recyclable material in the public spaces of the establishment if customers consume and dispose of materials onsite.
 - **MOTION:** “To approve the draft ordinance establishing a mandatory commercial solid waste and organic waste recycling requirement for certain businesses and multiple-family residential dwellings. Also to forward the ordinance to City Council for their consideration.” Motion by Commissioner Baker and seconded by Vice Chair McCann. Motion unanimously passed on an

open vote.

3. Formation of Ad Hoc Subcommittee on Strategic Planning and General Plan Update.
 - Commission input on General Plan Priorities – Manager Tallarico requested volunteers for an ad hoc committee to provide forward looking strategies and future priorities for the City's General Plan. Commissioner Freedman, Vice Chair McCann and Chair Clark volunteered. Committee will start in October.

E. SUBCOMMITTEE AND COMMISSIONER REPORTS

1. Standing Subcommittee on Solar and Green Building - Commissioners Freedman and Flanagan
 - Discussion and approval of research topics related to greenhouse gas reductions as noted above.
 - Commissioner Freedman reported on SCE REACH Codes Webinars he has attended.
 - The City is getting more information on the Solar permitting app available through SolSmart.
2. Standing Subcommittee on Waste Reduction – Manager Tallarico, Vice Chair McCann, Chair Clark, Commissioner Miller
 - SB 1383 is coming and the City will be working with PSDS to get ready for it. Negotiations on the franchise agreement with PSDS will probably start in October. The ordinance will be developed as well.
3. Standing Subcommittee on World Environment Day – Commissioners Futterman, Garratt, Gauthier
 - Commissioner Garratt reported that even though the in-person event did not happen, there were online events.
4. Ad Hoc Subcommittee on Earth Day – Commissioner Baker
 - a. The current ad-hoc subcommittee was dissolved by Chair Clark and a new ad-hoc committee will be formed next for the 2021 event.
5. Ad Hoc Subcommittee on Walkability & Pedestrian Planning - Commissioners Gauthier, Futterman
 - a. Manager Tallarico reported on the status of the Walkability Master Plan and Safe Routes to Schools Master Plan being developed with the assistance of a consultant.
6. Ad Hoc Subcommittee on Crosswalks and Pedestrian Safety – Commissioner Flanagan, Christine Hammond
 - a. Chair Clark dissolved this ad-hoc committee and Commissioner Flanagan was added to the Walkability & Pedestrian Planning subcommittee.
7. Ad Hoc Subcommittee on Bicycle Routes and Cycling – Commissioner Flanagan stated no report.
8. Ad Hoc Subcommittee on Night Sky – Vice Chair McCann and Commissioner Flanagan
 - Vice Chair McCann reported that the City is not in compliance with the lighting ordinance. He would like to meet with Facilities Maintenance on ways for the City can get in compliance.
9. Water Conservation – Commissioner Freedman reported that DWA is changing the method of calculating the consumption of water by using the amount of water produced versus the current amount of water consumed. DWA is also working with consultants to get state funds to put batteries at a couple of pumping stations.
10. Wellness – Commissioner Baker
 - Chair Clark reported on the Smoking Ordinance and Restrictions for Outdoor Dining update from HRC. The HRC has not yet communicated if there is any interest in working with the Sustainability Commission on this topic. Chair Clark agreed to follow up with the Commission Chair.
 - Commissioner Baker indicated that the only thing to do related to 3-4-50 campaign is to provide more information to the public. No specific action was identified.
11. Desert Community Energy, Community Advisory Committee – Commissioners Baker, Freedman, Miller
 - Commissioner Baker reported that he has been participating in several webinar workshops regarding electrification of the grid, building electricity conservation, energy resiliency, and transportation.

F. COMMISSIONER COMMENTS AND UPCOMING AGENDA

Vice Chair McCann would like to be on the agenda for an overview of the work he has been doing on recharging Tahquitz Creek.

Commissioner Garratt stated that a big settlement has been issued against Dicamba pesticides and that the suit against the ingredients in Round-Up is moving forward.

Commissioner Miller would like to have a way to measure the real time air quality in Palm Springs. No suggestion at this time for a future agenda item.

G. ADJOURNMENT - The meeting of the Sustainability Commission adjourned at 7:49 PM by a motion from Commissioner Gauthier and seconded by Vice Chair McCann and approved by a unanimous vote. They adjourned to the Regular Meeting of the Sustainability Commission to be held at 5:30 p.m. on Tuesday, October 20, 2020, location to be determined. There is a possibility that the next meeting will be via telecommunication also. The Sustainability Commission's regular meeting schedule is at 5:30 p.m. the third Tuesday each month except August unless otherwise noted or amended.

Respectfully Submitted,

Patrick Tallarico, Manager, Office of Sustainability



City of Palm Springs

Development Services Department
Sustainability Division

TO: Sustainability Commission

FROM: Patrick Tallarico, Manager

SUBJECT: Sustainability Scholarship Program

MEETING DATE: October 20, 2020

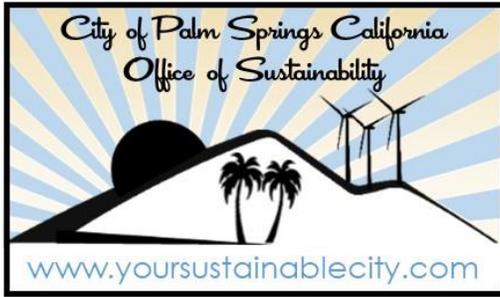
The Office of Sustainability is proposing to establish a Sustainability Scholarship Program for licensed local businesses. In the wake of the pandemic, many businesses are struggling. Some of these businesses, especially restaurants, are some of the very businesses we need to be targeting for compliance efforts related to recycling and organics management. The State (CalRecycle) has also issued us a mandate to ensure full compliance with existing recycling and organics laws by the end of next year.

We also continue to struggle with leaf blower compliance efforts. There is a growing level of frustration among residents that continue to hear gardeners use gas-powered blowers. Though enforcement does issue fines when they are able, we still have several gardeners that are not compliant. We are working with our legal counsel to identify new methods for enforcement, especially against repeat offenders. In the meantime, we would like to encourage continued compliance by those that are doing their best, and making funds available to them to buy batteries and equipment may be helpful.

To be eligible, businesses must be licensed and must be in good standing with the City. This means no outstanding fines in particular. They should also be in compliance with requirements or be using the funds to come into compliance. So, this means that a business that is not yet subscribed to organics management services, for example, can use the funds to sign up for service and pay for their first few months of service.

Because businesses could seek funding for a variety of projects, we plan to set aside money in both the Recycling account and the Sustainability account. These funds would be moved from our "unallocated" funding amounts. The program would be in place while funds last or until the end of the fiscal year.

Staff is seeking input from the Commission on the concept, funding levels, and scope of the proposed program. If approved, staff will prepare a staff report for the City Council meeting on November 12th.



City of Palm Springs Office of Sustainability Sustainability Scholarship Program for Palm Springs Businesses

The City of Palm Springs Sustainable Business Scholarship Program provides funding to local licensed businesses to assist them in implementing environmental and sustainability requirements or voluntary initiatives. Licensed businesses authorized to do work in Palm Springs and that are in good standing with the City (e.g., no outstanding fines) are eligible. Businesses that are not in compliance with current requirements such as recycling and organics management requirements may only receive funding if they are using funds to come into compliance.

The maximum amount of scholarships is \$500 per business. Business can seek reimbursement for expenses multiple times up to the \$500 maximum. Scholarships will be available until program funds have been expended or July 1, 2021, whichever is sooner. The City is setting aside \$60,000 in Recycling Program funds and \$40,000 in Sustainability Program funds for this effort.

Businesses may seek reimbursement for a variety of environmental and sustainability-related expenses such as:

- Recycling and organics management fees
- Purchase of containers to capture recycling and organic waste
- Purchase of reusable food ware
- Installation of energy efficient or water efficient equipment
- Purchase of electric leaf blowers or batteries for electric blowers

This list is not exhaustive. Businesses should contact the Office of Sustainability at 760-323-8214 with any questions about eligible expenses.

To receive reimbursement, please complete the information on the next page and provide the associated documentation, including a W-9 form.

Email your complete package to patrick.tallarico@palmspringsca.gov.

After the City receives a complete package, the Office of Sustainability will review your submission to confirm eligibility and issue you a check, if your expenses meet the specified criteria.



Business Contact Information

Contact Name: _____

Business Name: _____

Business Address: _____

City/State/Zip: _____

Phone: _____

Email: _____

Expense Information

Description of
Expense: _____

Date(s) Incurred: _____

Amount Paid: _____

Attachments

- Payment Receipt
- W-9 Form

I certify that the above information is accurate. I agree to provide the City with verification of any equipment or products purchased if requested.

Applicant Signature

Date



COMMITTEE REPORT

PRESENTED FOR COMMISSION MEETING DATE: 10/20/20

SUBMITTED BY: David Freedman

COMMITTEE NAME: Standing Committee on Solar and Green Building

SUBMITTED DATE: 10/14/20

COMMITTEE MEETING DATE: 10/06/20

NEXT COMMITTEE MEETING DATE: 11/03/20, 10:30 am

Committee Meeting Agenda:

- A. Council Agenda Items
 - 1. Climate Action Roadmap
 - 2. EV Charger Expansion RFP
 - 3. General Plan Priorities
- B. GHG Inventory Status
- C. SGIP Battery Project
- D. Home Energy Audit Program
- E. Streamlined Solar Permitting Application from NREL
- F. Webinar Updates
 - 1. SCE Reach Codes Webinar
 - 2. BayREN Webinar on Municipal Building Decarbonization
 - 3. Codes and Standards Webinar on Residential Retrofits
- G. DCE Issues/Updates
- H. Agenda Items for October Commission Meeting
- I. November Meeting Date

Summary:

- A. Council Agenda Items
 - 1. Climate Action Roadmap

Manager Tallarico reported that the Climate Action Roadmap would not on the October 8 Council agenda because of a new City procedure for discussion of policy issues by Council. Commissioner Freedman said he would update the materials to reflect the latest developments, including a statement by California Energy Commission staff at the 2022 Energy Code workshop occurring concurrently with the Committee that they are proposing prewiring for battery storage as a mandatory for the 2022 Code.
 - 2. EV Charger Expansion RFP

Manager Tallarico reported that discussions were continuing with the preferred provider for the EV charger expansion project. He said he will update the Commission at its October 20 meeting and ask for approval of the agreement with the provider if it were ready in time for the meeting. The agreement is expected to go before Council for approval at its November 12 meeting. The ordinance implementing AB 1236 on

streamlined EV charger permitting is expected to be on the agenda for Council's October 22 meeting.

3. General Plan Priorities

At its October 8 meeting, Council discussed the Vision and Priority statements in the General Plan update. The Priority statements reflect input on sustainability issues from an ad hoc committee of Commissioners. Councilmembers expressed their general agreement with the Priority statements on sustainability-related issues. Council requested additional input from stakeholder groups and other Boards and Commissions before doing a page-by-page review of the Vision and Priority statements.

B. GHG Inventory Status

Manager Tallarico provided an update on the GHG inventory being conducted by PlaceWorks. The previous day, Commissioners Freedman and Garrett participated in a call with PlaceWorks to discuss the questions that had been raised at the September 15 Commission meeting. A separate call was organized with Commissioner Miller who was unable to attend the call on October 5.

The only piece of information that may still change the 2010 update is new information on Vehicle Miles Traveled. PlaceWorks is awaiting information on the new regional transportation model. When they receive this, they may update the report. When PlaceWorks does the current year analysis (2018) and the 2020 look ahead, PlaceWorks will provide information on how the City is doing compared with State goals and what additional reductions the City will need to meet those goals. Manager Tallarico is continuing to work with SCE to get the 2018 energy use data.

C. SGIP Battery Project

Manager Tallarico had previously reported that he was contacted by Tesla about a program to install backup batteries at the City's critical facilities under the CPUC's Self-Generation Incentive Program (SGIP). He said there was nothing further to report on this matter.

D. Home Energy Audit Program

Commissioner Freedman reviewed the application form for the Home Energy Audit Program that the Commission approved in October 2019. Manager Tallarico said he would launch the program in the coming weeks. The City will issue a news release announcing the program launch.

E. Streamlined Solar Permitting Application from NREL

As part of the City's participation in the National League of Cities SolSmart program, the City has been invited to be a pilot tester of the Streamlined Solar Permitting Application (SolarAPP) from National Renewable Energy Lab. The app will allow solar installers to apply for a solar PV permit via the application and receive the permit immediately if they satisfy the permit requirements. There will not be any cost to the City and only a small (\$20 - \$50) cost to the installer. Manager Tallarico, Commissioner Freedman and Building Division and IT Department staff members attended a virtual meeting with NREL on October 13. A follow-up virtual meeting with the Building Division staff member responsible for solar permitting is being scheduled to walk through in-detail the SolarAPP, its compliance checks, and whether Palm Springs might want to consider piloting the SolarAPP.

F. Webinar Updates

Commissioner Freedman provided a brief update on recent and upcoming webinars:

- On September 29, Commissioner Freedman spoke at SCE's Reach Codes webinar about Palm Spring's GHG reduction goals and achievements and the process for considering building energy efficiency standards stricter than the state standards set out in the Energy Code. About 30 people attended the webinar.
- On September 16, Bay Area Regional Energy Network (BayREN) held a webinar on municipal building decarbonization. Manager Tallarico noted that all the City accounts are now connected to DCE except those for City Hall (including the Airport) and the Leisure Center in Sunrise Park, which are powered in part via alternative generation facilities and represent about 45% of the City's electricity usage. The City is discussing options for moving these standby accounts to DCE or otherwise offsetting emissions. Commissioner Freedman said he would research further what other local jurisdictions are doing on building decarbonization.
- The Codes and Standards team is holding a webinar on October 14 to present the latest version of their cost effectiveness report on residential retrofits. Information from that report may provide further cost-effectiveness data to complement the chart included in the staff report for the Climate Action Plan.

G. DCE Issues/Updates

Commissioner Freedman provided a brief update on Desert Community Energy (DCE):

- DCE is continuing negotiations with solar and wind developers to secure long-term renewable energy. One of the preferred bidders is no longer in the negotiations, so DCE is discussing with the remaining bidders if they have other projects they can offer to DCE.
- The Community Advisory Committee will be meeting via Zoom on October 15. Agenda items include options for future DCE community programs and a roundtable discussion on climate / energy resiliency.
- DCE is looking to increase its outreach to solar customers and installers, as many solar customers opted out of DCE. DCE is now able to post on Nextdoor via the City's account.

Commissioner Flanagan noted that he has a house in San Francisco and PG&E is advertising that its green energy rate is lower than that of CleanPowerSF, the local Community Choice Aggregator. Commissioner Freedman mentioned that DCE's rates are set to be lower than the comparable SCE rate. Commissioner Flanagan suggested that SCE may follow suit and introduce a lower green rate as SCE has an advantage in procuring long range contracts and that DCE should keep an eye out for this.

Manager Tallarico said that some DCE customers did not receive a bill from SCE one month, and then received a bill for two months. Although SCE is responsible for billing DCE customers, Manager Tallarico said customers have stated that SCE is attributing customers' high bills to the move to DCE.

H. Agenda Items for October Commission Meeting

Manager Tallarico and Commissioner Freedman divided the topics they will each present at the October 20 Commission meeting, reflecting the matters discussed above.

I. November Meeting Date

The November meeting will be held as scheduled at 10:30 am on November 3 (Election Day).

Recommendation/Request:

Continuing working on energy-related GHG reduction measures to further goals in Climate Action Roadmap.

ACTION ITEMS REQUEST TO COMMISSION	Approve Climate Action Roadmap implementation action items when they are presented.
ACTION ITEMS REQUEST TO OFFICE OF SUSTAINABILITY	Implement EV charger deployment and home energy assessment rebate pilot program. Work with City Manager to schedule Council discussion of Climate Action Roadmap.
POTENTIAL FISCAL IMPACT/REQUEST IF ANY	The City has received over \$220,000 in grant funding for EV chargers. The Commission budgeted \$10,000 in FY 19-20 for the home energy assessment rebate pilot program, which has been carried over to the FY 20-21 budget.



City of Palm Springs Office of Sustainability Home Energy Assessment Rebate Application

Please complete this application to receive a \$100 rebate towards the completion of a home energy assessment. Please attach all necessary documentation to this form to receive your rebate, including a W-9 form. Email your complete package to patrick.tallarico@palmspringsca.gov . There is a limit of one application per household.

After the City receives a complete package, the Office of Sustainability will review your submission to confirm eligibility and issue you a check, if your project meets the specified criteria.

Homeowner Contact Information

Resident's Name: _____

Property Address: _____

City/State/Zip: _____

Cell Phone: _____

Home Phone: _____

Email: _____

Home Energy Assessment Program Information

Assessment
Program Name: _____

Service Provider: _____

Amount Paid: _____

Attachments

- Home Energy Assessment Report Results
- Payment Receipt
- W-9 Form

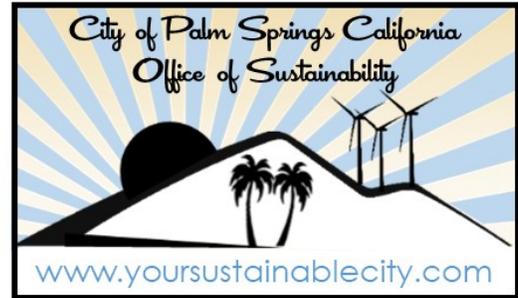
I certify that the above information is accurate. I also agree that I will provide the City with information on any energy efficiency projects I undertook as a result of this audit, if contacted by city staff.

Applicant Signature

Date

City of Palm Springs Office of Sustainability

Home Energy Assessment Rebate Program Requirements



The City of Palm Springs is pleased to offer a \$100 rebate to homeowners interested in conducting a home energy assessment on their property – during the purchase process or any time afterwards. To participate in this program, homeowners should follow the following steps:

1) Select the home energy rating system and provider based on the information below.

Program Features	HERS II Rating	Home Energy Report
Generates a rating	Yes	No
Rating is linked to house sale or listing	No	No
Diagnostic Tests Performed	Blower door, duct blaster	None
Number of Data Inputs	50+	About 40
Field work and data input time	4-8 hours	10 – 15 minutes if part of home inspection, about 1 hour if done as stand-alone inspection service
Estimated Cost	\$300 - \$600	\$75 - \$100 with concurrent home inspection; \$150 - \$175 without
Products	Estimated Annual Energy Use; Energy Efficiency Recommendations; Estimated Energy Cost Savings	Estimated Annual Energy Use; Energy Efficiency Recommendations; Estimated Energy Cost Savings
Eligible Providers	https://www.calcerts.com/RaterSearch.php Select Inspect an Existing Home, then Whole House (2013) or Whole House (2016), County of Riverside and your Zip Code (sort results by Zip to find local providers more easily)	https://www.nachi.org/certified-inspectors Enter your address and then click on Show Advanced Search Options. Check InterNACHI Home Energy Report to identify potential providers.

2) Coordinate with the provider and conduct the assessment.

3) Receive the assessment results and review the results with the service provider.

4) Include the completed application form and attach the following documentation: assessment report, receipt, a complete W-9.

5) Email the application form and attachments to patrick.tallarico@palm Springsca.gov .

The City will review your submission and process your rebate. We may follow up with a brief survey to find out if you implemented any of the energy saving recommendations in your assessment or made any other decisions based on your report. The program will be active until funds are expended or until the program is cancelled.

Linking Clean Energy Goals, Economic Development, and Reduced GHGs Through Building Codes

September 29, 2020



Introduction

Speaker: Joshua Torres, SCE, Local Public Affairs

Energy for What's AheadSM



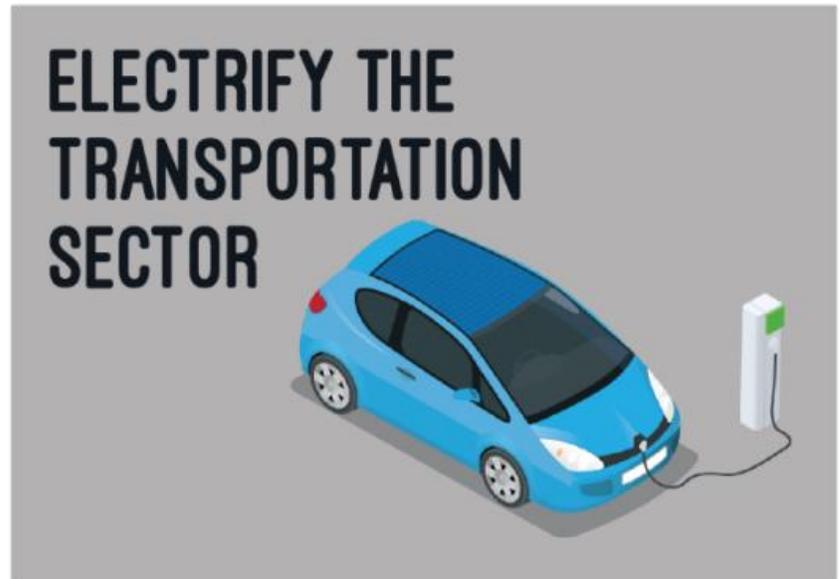
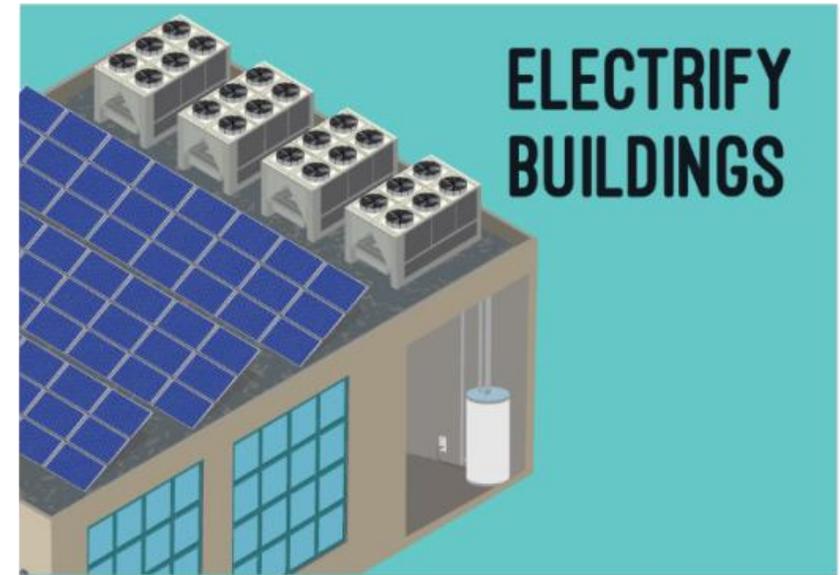
Purpose / Agenda

- Introduction
 - Please type questions in the chat
 - Slide deck will be emailed afterwards
- Goals, Policies, and Recent Progress
- Building Decarbonization and Electrification
- Local Government Policy Levers
- Case Study: Palm Springs
- Discussion & Next Steps



SCE's Electrification Work

- [Pathway 2045](#)
- All-electric construction planning process
- Incentive Programs
 - California Advanced Homes Program (described later)
- Transportation electrification



GHG Reductions During and Post Covid-19

the **world** is in a state
of *pandemic*
racial justice wokeness
climate emergency

= unprecedented opportunity for change



Source: Presentation
by Micah Lang,
City of Vancouver,
on 6/18/20

Goals, Policies, and Recent Progress

Speaker: Chris Kuch, P.E., SCE, Codes & Standards



Energy for What's AheadSM



State Goals and Policies

- State Legislation and Executive Orders
 - [SB 1477](#)
 - [SB 350](#)
 - [AB 32](#)
 - [SB 100](#)
 - [Executive Order B-55-18](#)
- Reduce GHGs to 80-percent below 1990 levels by 2050
- 100-percent zero-carbon electricity by 2045
- Building electrification to reduce GHGs
- Affordable housing



Regional Goals and Policies

- Los Angeles-area regional plans
- GHG goals
- Role of Councils of Government
 - SCAG, others
 - Air quality, transportation links
- Multijurisdictional collaboration



Building Decarbonization and Electrification

Speaker: Joshua Torres, SCE, Local Public Affairs

Energy for What's AheadSM



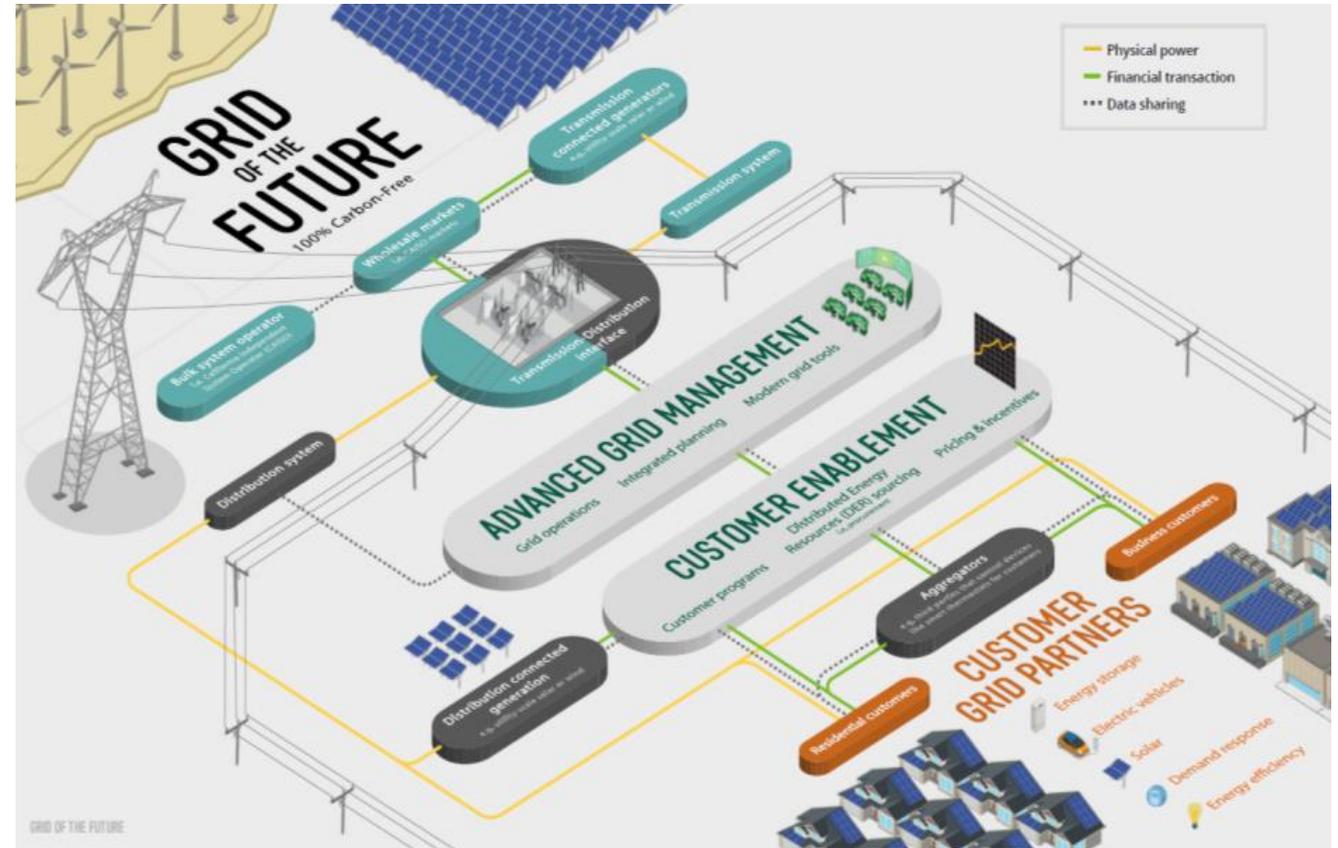
The Benefits of Building Decarbonization

- Grid benefits / resiliency
- Total GHGs reduced
- Indoor air quality / health concerns
- Improved outdoor air quality
- Improved vistas/views



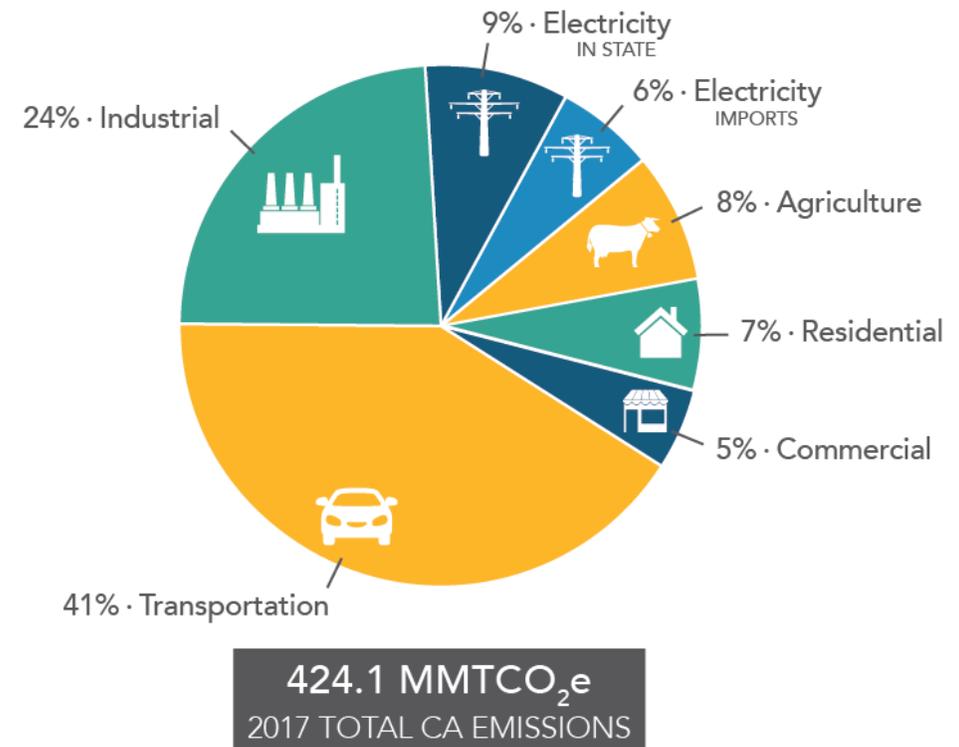
Resiliency

- Distributed Energy Resources
 - Solar, batteries, EVs
- Grid Investments
- Electric vs gas appliances
 - Heat pump water heaters: load shifting, demand response
- As we become more dependent on electricity as a fuel source, how we receive that electricity will diversify



A Look at the GHG Inventory - California

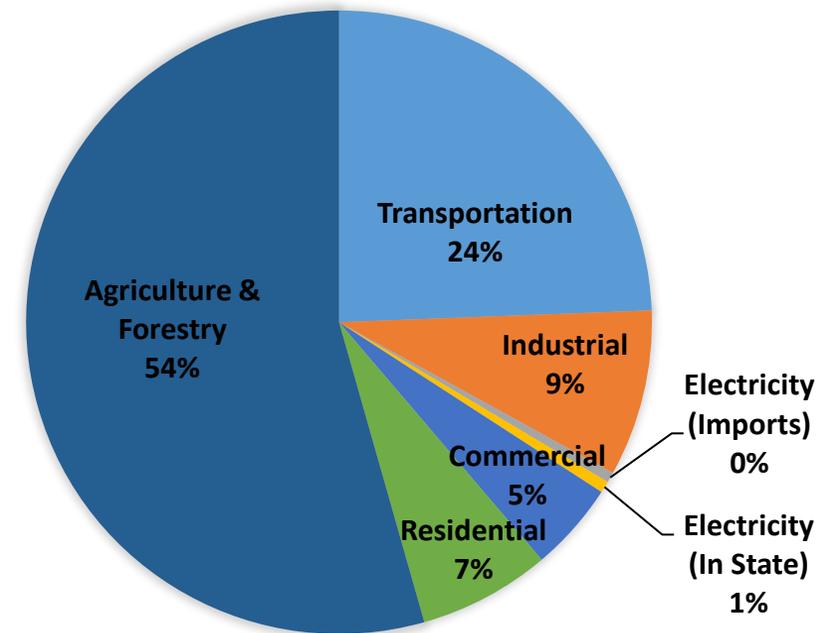
- Transportation is a huge opportunity
- For Buildings, only on-site fuel combustion included
 - So it's another big opportunity



Source: [CARB](#)

A Look at the N₂O Inventory - California

- N₂O is a subset of Total GHG
- Again, transportation and buildings are significant sources

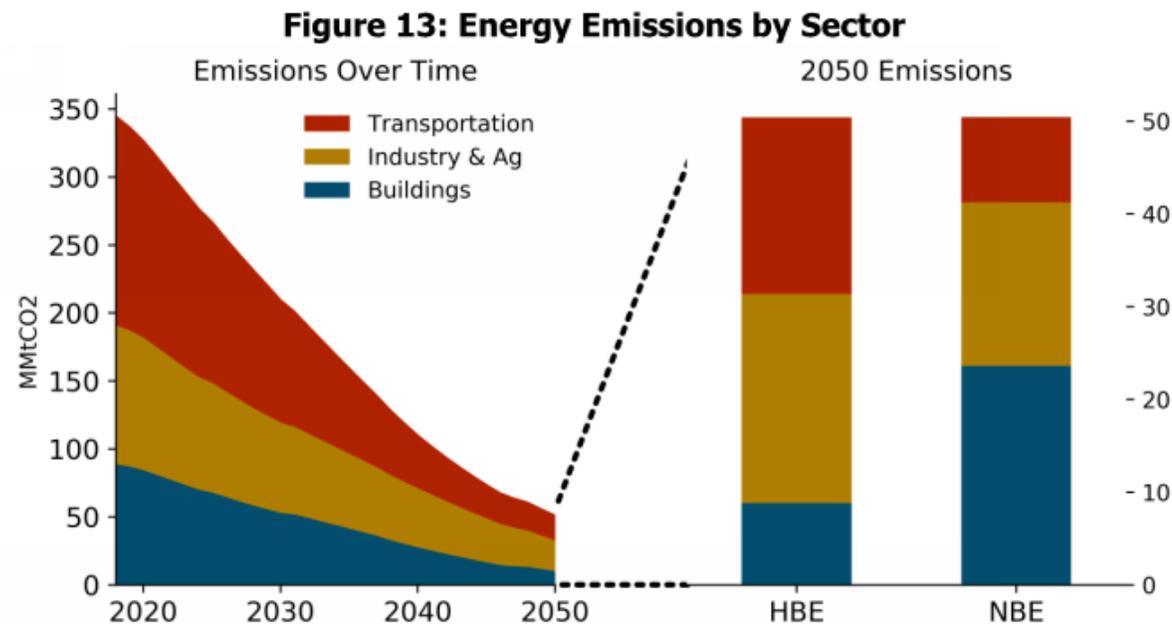


13.2 MMTCO₂E
2017 N₂O CA EMISSIONS

Source: [CARB](#)

Reducing GHG to 80 percent below 1990 levels by 2050

- Building electrification is key
- Without it, cuts elsewhere must be substantial
 - See HBE vs. NBE in 2050



Energy emissions by sector include upstream emissions in electricity in this chart.

Source: E3

HBE = high building electrification

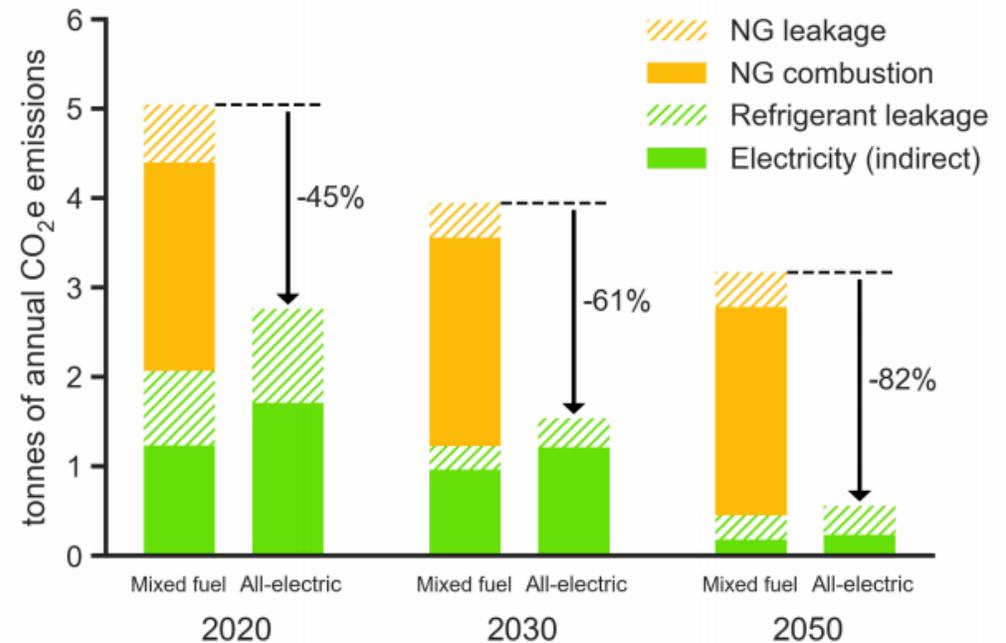
NBE = no building electrification

Source: [E3](#)

GHG Reductions for Single-Family Homes over time

- All buildings improve over time due to grid improvements
- All-electric buildings age especially well
 - Grid improvements
 - Refrigerant improvements

Figure 3-1: Annual GHG emissions from a 1990s vintage single family home for Sacramento

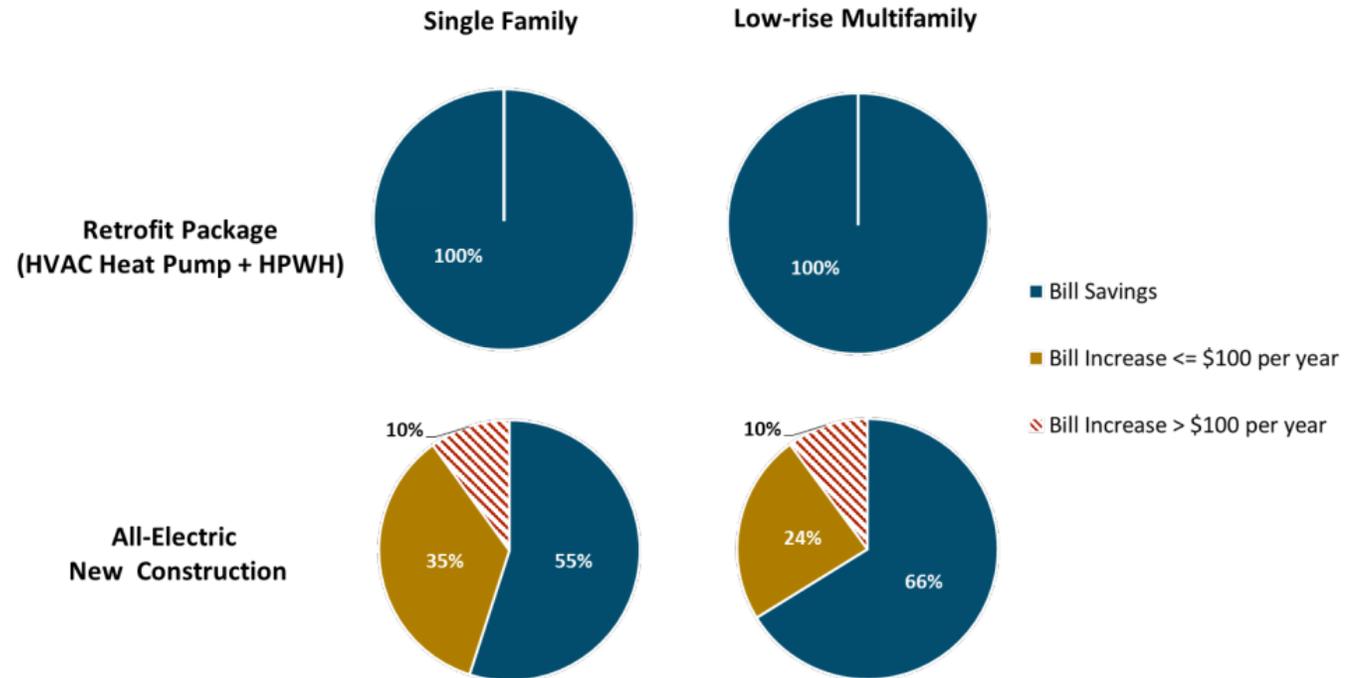


Electricity emissions are based on the High Electrification scenario consistent with SB 100; see the greenhouse gas methodology section for more details. The 2030 and 2050 bars assume that the next generation of low-GWP refrigerants are used in all applicable heat pump systems modeled, including air conditioners, HVAC heat pumps, heat pump water heaters, and heat pump clothes dryers. We do not estimate refrigerant leakage from refrigerators and freezers, but these fugitive emissions would be the same in both electric and mixed fuel homes. We assume that by 2030, fugitive methane emissions are reduced by 40%, as mandated by the CARB Short-Lived Climate Pollutant Strategy and as previously set as a goal by the Obama administration. We based our calculations of fugitive refrigerant emissions on CARB data as described further in Appendix C.

Source: [E3](#)

Share of simulated households with bill savings from adopting electric end uses

- “Retrofit Package” always yields bill savings
- All-Electric New Construction typically yields bill savings

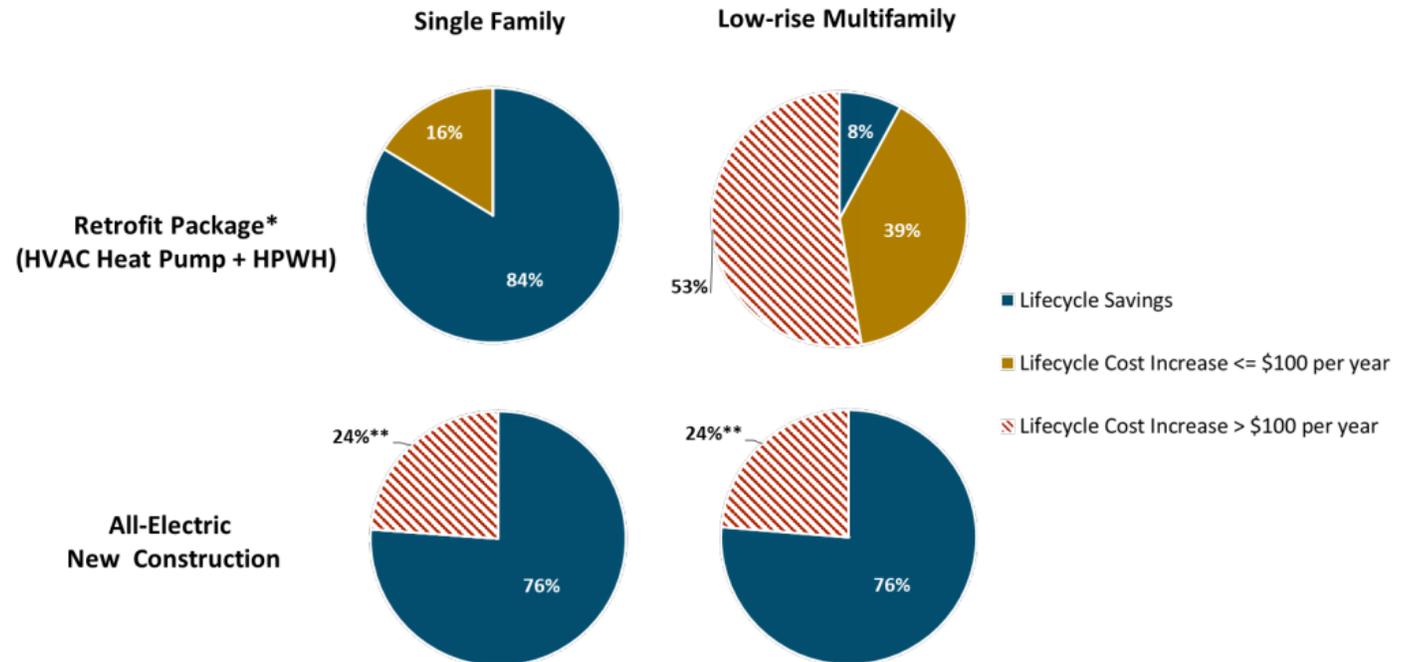


The building simulation results are weighted using the share of households in each combination of climate zone and utility, as described in section 2.2.1., to create this summary figure. Average bill costs of HVAC heat pumps are compared against a combined gas furnace and air conditioner (AC) system except for a new construction home in San Francisco (Climate Zone 3) where we assume all homes do not have AC. For retrofit homes, we show the average bill impact of electrifying HVAC and water heating systems at the same time. For new construction, we look at an all-electric home with all four appliances modeled electrified.

Source: [E3](#)

Share of simulated households with *lifecycle savings* from adopting electric end uses

- All scenarios except multifamily retrofit typically yield *lifecycle savings*



The building simulation results are weighted using the share of households in each combination of climate zone and utility, as described in section 2.2.1., to create this summary figure.

* We assume that all consumers in retrofit homes have or would install air conditioning in the mixed fuel baseline.

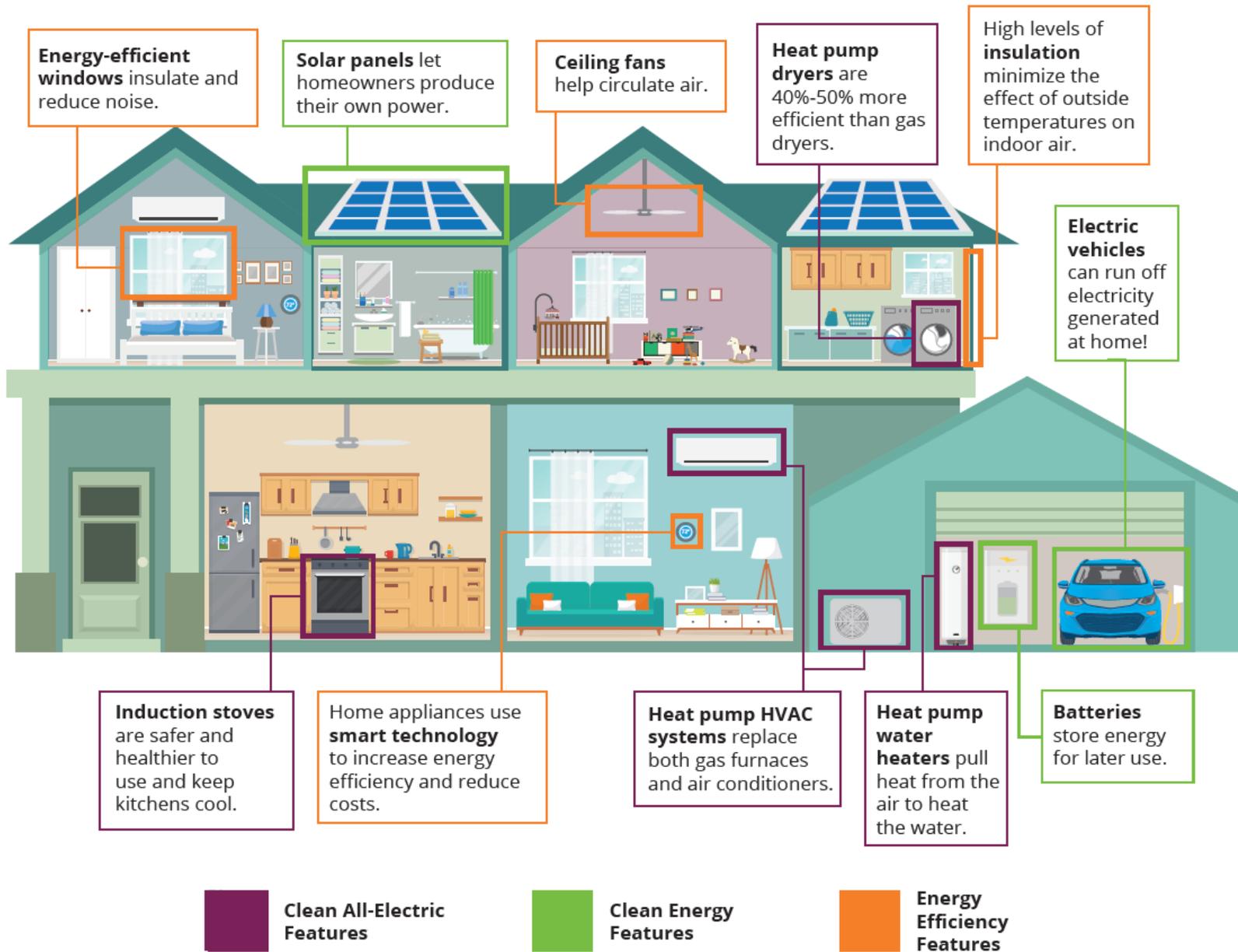
** This category corresponds to buildings modeled in San Francisco (Climate Zone 3) that we assumed would not install air conditioning in the gas baseline home. 100% of all-electric new construction single family and low-rise multifamily homes that include air conditioning show lifecycle savings.

Source: [E 3](#)

Specific Technologies

- Heat pumps, heat pump water heaters, and induction stoves





Local Government Policy Levers

Speaker: Chris Kuch, P.E., SCE, Codes & Standards

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Local Clean Energy Policies

- Climate Action Plans (CAPs)
- General Plans/Updates
- Resolutions
- Codes and Standards



The Role of Codes and Standards in Southern California

- Building GHG reductions
- Transportation
- Residential and commercial sector focus
 - Appliance Standards
 - Building Codes
 - Title 24 and the triennial code process
 - Reach Codes
 - Flexibility – Electric ready, solar, EV charging, electric preferred, etc.



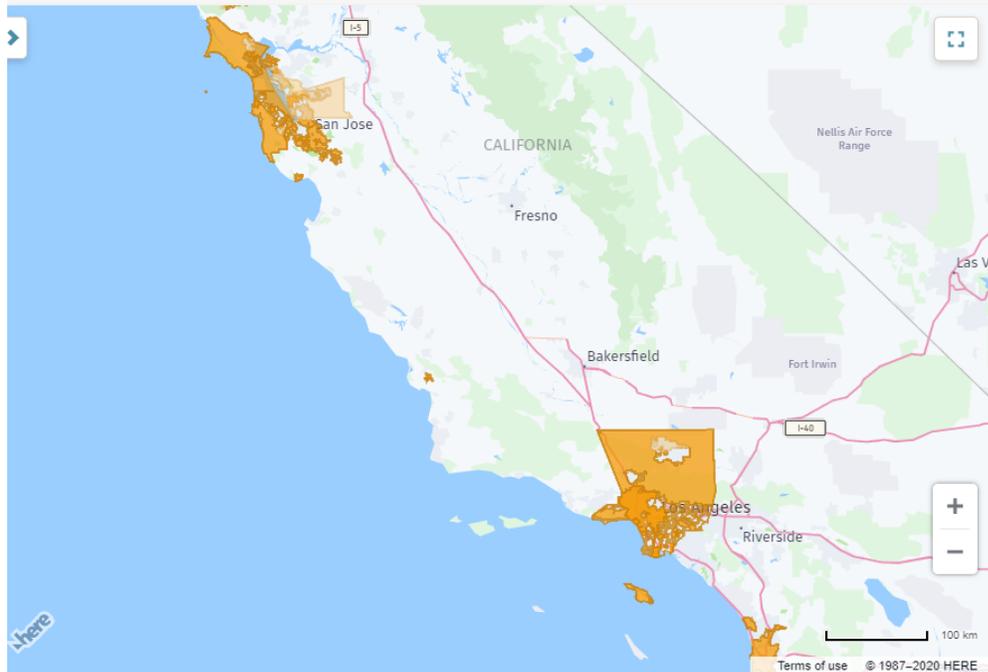
Local Reach Codes

Statewide Reach Codes Program



WHERE ARE LOCAL GOVERNMENTS ADOPTING REACH CODES?

The interactive map below displays where, when, and how other cities in California have adopted reach codes.

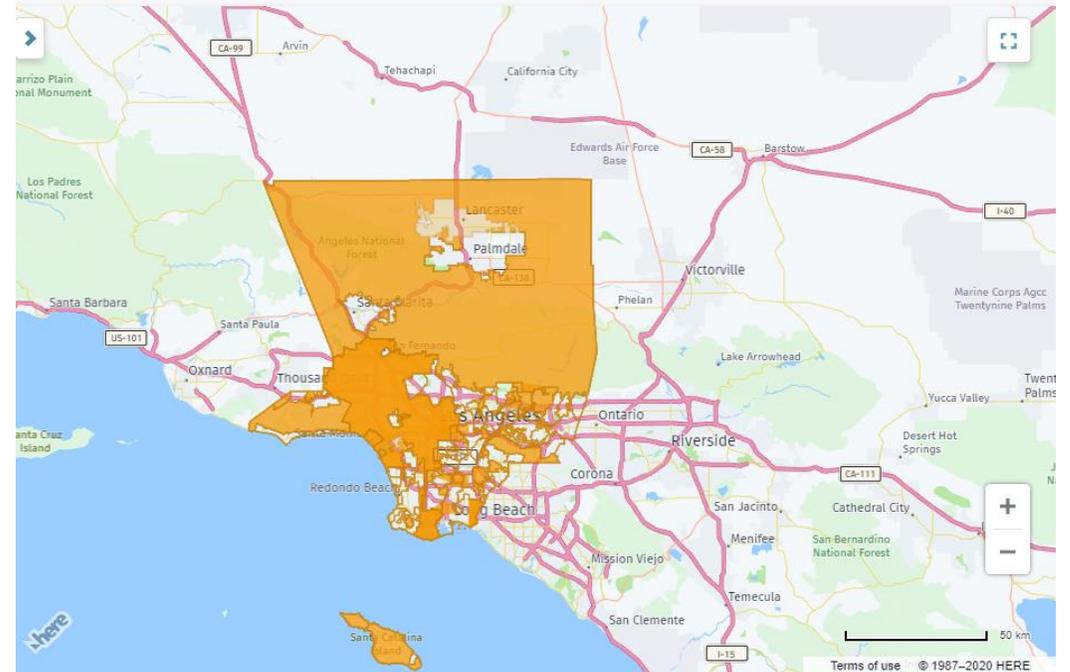


Statewide Reach Codes Program



WHERE ARE LOCAL GOVERNMENTS ADOPTING REACH CODES?

The interactive map below displays where, when, and how other cities in California have adopted reach codes.



Source: <https://localenergycodes.com/#map>

SCE Residential Customer Rebates and Incentives

- California Advanced Homes Program (CAHP)

- Residential new construction
- \$2,000 per single family home and \$1,000 per multifamily unit
- All-electric with no natural gas on-site
- Energy Design Rating (EDR) delta of ≥ 2 required (~8.5% better than code)
- This [LGC Currents article](#) by SCE briefly describes the program
- No SCE or statewide webpage yet



- [Heat Pump Equipment Discounted Pricing](#)

- Residential retrofits
- Discounts are handled by sellers and contractors and passed on to customers
- Ask your contractor or reseller prior to purchase
- \$1,000 discount for HPWHs; up to \$300 per ton on central HVAC HPs; up to \$600 per ton on mini-split HVAC HPs



Case Study: Palm Springs

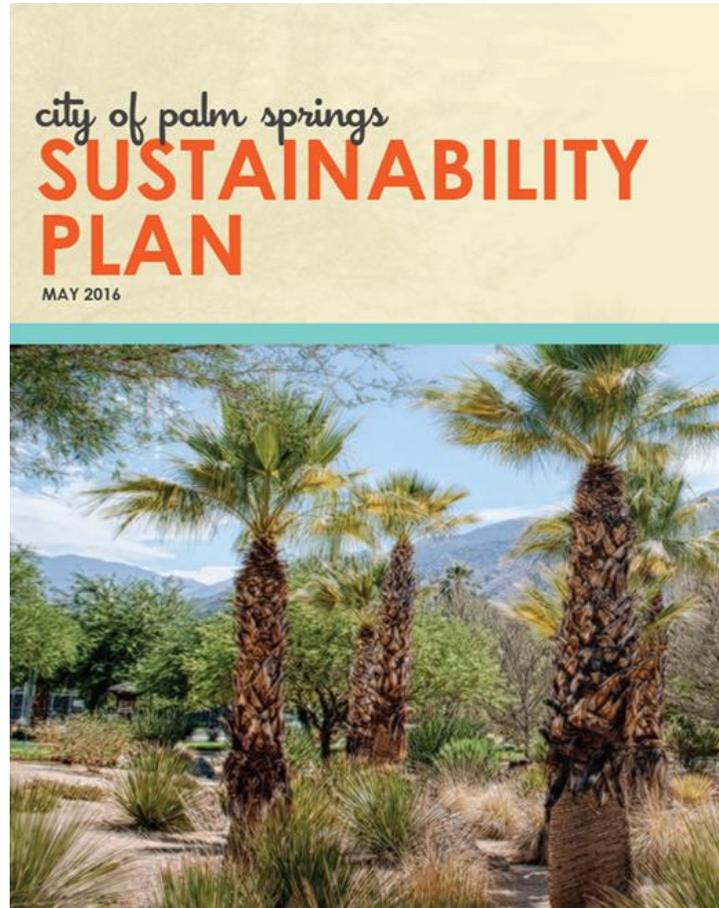
Speaker: David Freedman, Sustainability Commission, Palm Springs



Energy for What's AheadSM



Sustainability Plan Energy Goals



- Reduce GHG emissions to 1990 levels by 2020.
- Reduce to 80% below 1990 levels by 2050.
- Achieve carbon neutrality for municipal emissions by 2030.
- Encourage the building or retrofitting of one million square feet of green buildings.
- Reduce the total energy use by all buildings built before 2012 by 10%.
- Reduce energy use and carbon use from new homes and buildings.
- Supply 50% of all energy from renewable sources by 2030.

Putting Sustainability Plan Goals into Action

- Adopted pre-2019 Code policy statement giving preference to photovoltaic systems for new residential development
- Installed solar panels at key City facilities
- Launched Desert Community Energy (CCA) with 100% carbon-free as default option
- Implemented changes in California Energy Code and Green Building Standards Code effective January 1, 2020
- Updated Zoning Code private development parking standards and expanding network of City-installed EV charging stations
- Implementing new incentive pilot program for home energy assessments



Next Steps



- Updating GHG inventory to check progress against goals
- Climate Action Roadmap presented to Sustainability Commission this month and City Council next month
- Staff report summarizes adopted Reach Codes and Codes and Standards cost-effectiveness studies
- Council direction requested on possible Reach Code measures

Lessons Learned

- Lead role in reducing GHG emissions played by Title 24 building energy efficiency standards
- Local Energy Codes website is best source for adopted Reach Codes, cost-effectiveness studies and model ordinances and staff reports – start there!
- Understand your city's climate goals, policies and politics—and how they interact
- Community outreach is key to the process
- Know which Reach Codes measures require Energy Commission approval; Commission staff can answer questions
- Follow 2022 Energy Code adoption process



Discussion and Next Steps

Speaker: Joshua Torres, SCE, Local Public Affairs

Energy for What's AheadSM



Discussion / Q & A

- What support can we provide to you in the coming year to help you with your respective missions?
- When did you last update your GPU or CAP?
- What constraints can SCE help with?
- What are the stakeholder concerns in your jurisdiction?
- Is there an opportunity to join forces in some key jurisdictions to achieve our mutual clean energy goals?

Resources

- Local Energy Codes' [website](#) and newsletter
- SCE's newsletter
- SCE's [website](#)
- Email updates from your local governments
- Twitter handles to follow
 - @CA_codes
 - @SCE_PublicAff
 - @SCE_JoshuaT
 - @BuildingDecarb

Statewide Reach Codes Program

CALIFORNIA ENERGY COUNCIL
A STATEWIDE UTILITY PROGRAM

REACHING BEYOND

Building California's Future.

Collaborating with cities, counties and stakeholders to drive reach code development and adoption for long-term climate and energy efficiency benefits.

Reach
In 2015,
Plan-upd
Plan-0
greenhou

▶ WHAT IS A REACH CODE?

▶ WHY ADOPT REACH CODES

▶ WHERE IN CA HAVE REACH CODES BEEN ADOPTED?

5 PATHS TO REACH BEYOND

- BUILDING EFFICIENCY/RENEWABLES**
Whole Building
Equipment-Specific
- ELECTRIC READY**
Pre-Wiring
Panel Upgrade
EV-Readiness
EV Charging
- ENERGY PLUS WATER**
Hot Water
Distribution
Indoor Water
Outdoor Water
- INFORMATION DISCLOSURE**
Audits
Benchmarking

Next Steps

- Sign up for SCE's newsletter by emailing Joshua (joshua.torres@sce.com)
- Stay in touch with us to collaborate on reach codes
- We'll send you a survey soon – please use it to provide any feedback

Thank you

For more info, please contact Joshua Torres at
joshua.torres@sce.com

Energy for What's AheadSM





Subcommittee Report

PRESENTED FOR COMMISSION MEETING DATE: October 20, 2020	SUBMITTED BY: Patrick Tallarico
SUBCOMMITTEE NAME: Standing Subcommittee on Waste Reduction (SSCoWR)	SUBMITTED DATE: October 15, 2020
LAST SUBCOMMITTEE MEETING DATE: October 8, 2020	NEXT SUBCOMMITTEE MEETING DATE: November 5, 2020

Subcommittee Goal:

Divert 90% of waste generated by the City of Palm Springs from landfill by 2030.

Summary:

1. Reducing Single-use Plastic Food Ware and Plastic Straws by Food Service Establishments.
 - Council members decided to postpone discussion of the ordinance to obtain additional input from stakeholders.

2. Battery Recycling Project
 - Regular drop-off points remain closed. Some may be collected at the Shredding and E-waste event on October 17.

3. Toward a Public Spaces Recycling Program for the City of Palm Springs.
 - The group agreed to conduct an audit of the downtown trash and recycling containers the week of October 26th. Manager Tallarico will coordinate a specific time and date.
 - The Public Arts Commission did paint some of the trash containers at the Leisure Center and labeled the containers as trash, but they are not painted in black or gray.
 - Commissioner McCann assessed the data collected at Ruth Hardy Park earlier in the year and will provide a list of actions to Manager Tallarico. These actions will include painting some containers, repurposing some containers, getting new tops, and adding some containers throughout the park.

4. Outreach
 - Recycling program materials have been distributed to commercial and multi-family residential units explaining program requirements and services. These were developed and distributed by PSDS with input from the City.
 - The City distributed information via social media about the shredding and e-waste event on October 17.
 - Manager Tallarico and PSDS staff will be delivering a presentation on recycling to an HOA on October 17.

5. Annual Meeting with CalRecycle
 - CalRecycle has asked the City for additional information on its recycling and organics management program in lieu of an in-person meeting this fall. The City will work with PSDS to respond to the request.

6. Non-compliance with Commercial Recycling and Organics Requirements
 - The City met with users of the downtown trash enclosure on October 13, 2020, to begin their organics service. Users include 5 restaurants and 1 cannabis business.
 - The City plans to send out letters in mid-October to all businesses reminding them of the requirements and requesting that they sign up for service.
 - The ordinance to codify these requirements will go to City Council on October 22nd for approval.

7. Wastewater Treatment Plant (WWTP)

- As was reported in the October SSCOWR meeting, the City met with representatives of SoCalGas to discuss future capital improvements to the plant, including how to address gas emissions from the flare. The City plans to move forward with additional analyses to determine the feasibility of expanding capacity of the anaerobic digester, either sending the gas to SoCalGas or converting it to electricity on site and feeding power to the grid, assessing markets for biogas generated, and determining costs of these improvements. SoCalGas will perform some of these analyses, while others will be done by a City contractor.

8. Neighborhood Earth Day Challenge

- Manager Tallarico made an announcement about the Neighborhood Challenge at the October 6, 2020, One PS Meeting.

9. SB 1383 Planning

- The State still anticipates releasing the regulations for SB 1383 this fall. PSDS and the City worked on developing a timeline for compliance and a roles and responsibilities document. PSDS and the City will begin revising the franchise agreement starting in the October time frame.

10. Bottle Fillers

- Maintenance has purchased and installed touchless bottle fillers at city facilities to help decrease the number of plastic bottles used in the City. These fillers will be usable even if the water fountains are not.

Recommendation/Request

Subcommittee members will continue to conduct research and refine products to improve recycling rates and report on progress at future Commission meetings.

ACTION ITEMS REQUEST TO COMMISSION	None
ACTION ITEMS REQUEST TO OFFICE OF SUSTAINABILITY	Continue to work with PSDS on outreach materials and finalize graphics for waste receptacles. Schedule downtown trash/recycling audit.
POTENTIAL FISCAL IMPACT/REQUEST IF ANY:	N/A