

# **CITY OF HAYWARD**

Hayward City Hall  
777 B Street  
Hayward, CA 94541  
[www.Hayward-CA.gov](http://www.Hayward-CA.gov)



CITY OF  
**HAYWARD**  
HEART OF THE BAY

## **Agenda**

**Monday, November 14, 2022**

**4:30 PM**

**Remote Participation**

**Council Sustainability Committee**

**COVID-19 Notice:** Consistent with Assembly Bill 361/Gov Code 54953(e), the Council Sustainability Committee meeting includes teleconference participation by all Council Sustainability Committee members and the public.

Please click the link below to join the webinar:

[https://hayward.zoom.us/j/84655110669?](https://hayward.zoom.us/j/84655110669?pwd=KzBJZzVRYm50Qk5GQTNNb25QdEpHZz09)

[pwd=KzBJZzVRYm50Qk5GQTNNb25QdEpHZz09](https://hayward.zoom.us/j/84655110669?pwd=KzBJZzVRYm50Qk5GQTNNb25QdEpHZz09)

Webinar ID: 846 5511 0669

Password: CSCNOV22!

Or join by phone:

US: +1 669 900 6833 or +1 646 931 3860

Webinar ID: 846 5511 0669

Password: 070364515

To submit written comments: Send an email to [erik.pearson@hayward-ca.gov](mailto:erik.pearson@hayward-ca.gov) by 1:00 p.m. the day of the meeting.

Please identify the Agenda Item Number in the subject line of your email. Emails will be compiled into one file, distributed to the Council Sustainability Committee and City staff, and published on the City's Meeting and Agenda Center under Documents Received After Published Agenda.

#### **PUBLIC COMMENTS:**

#### **REPORTS/ACTION ITEMS**

1. [ACT 22-111](#) Approval of Minutes from the Council Sustainability Committee (CSC) Meeting Held on October 6, 2022

**Attachments:** [Attachment I 10/6/2022 Minutes](#)

2. [RPT 22-105](#) East Bay Community Energy Update: Local Programs and Customer Bill Savings - Information and Discussion

**Attachments:** [Attachment I Staff Report](#)

3. [ACT 22-114](#) Existing Building Electrification Efforts - Information and Discussion

**Attachments:** [Attachment I Staff Report](#)

4.      [RPT 22-104](#)      Annual Update on Implementation of Strategic Roadmap  
(Sustainability-Related Projects) - Information and Discussion

**Attachments:**    [Attachment I Staff Report](#)  
                             [Attachment II Strategic Roadmap Table](#)

**FUTURE AGENDA ITEMS**

5.      [ACT 22-110](#)      Proposed 2023 Agenda Planning Calendar: Review and  
Comment

**Attachments:**    [Attachment I Staff Report](#)

**ORAL REPORTS**

**COMMITTEE MEMBER/STAFF ANNOUNCEMENTS AND REFERRALS**

**ADJOURNMENT**

**Next Regular Meeting: January 9, 2023**



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**File #:** ACT 22-111

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**DATE:** November 14, 2022

**TO:** Mayor and City Council

**FROM:** Director of Public Works

**SUBJECT**

Approval of Minutes from the Council Sustainability Committee (CSC) Meeting Held on October 6, 2022

**RECOMMENDATION**

That the CSC reviews and approves the January 10, 2022 CSC meeting minutes.

**ATTACHMENTS**

Attachment I October 6, 2022 Council Sustainability Committee Meeting minutes

CITY COUNCIL SUSTAINABILITY COMMITTEE MEETING  
Remote Participation – Digital Zoom Meeting  
October 6, 2022  
4:30 p.m. – 6:27 p.m.  
**MEETING MINUTES**

**CALL TO ORDER:** Meeting called to order at 4:30 p.m. by Council Member Zermeño.

**ROLL CALL:**

**Members:**

*Present*

- Barbara Halliday, Mayor/CSC Chair (*Excused from meeting at 5:40 p.m.*)
- Elisa Márquez, City Council Member
- Francisco Zermeño, City Council Member

*Staff:*

- Alex Ameri, Director of Public Works
- Sierra Cannon, Climate Corps Fellow
- Nicole Grucky, Sustainability Specialist
- Linda Ko, Senior Secretary (Meeting Recorder)
- Hailey Meyer, Climate Corps Fellow
- Omar Noorzad, City Building Official
- Jennifer Ott, Assistant City Manager
- Erik Pearson, Environmental Services Manager

*Other:*

- Sangeeta, An Organizer for Save the Bay
- Natalie Blumberg, Member of the Public
- Frank Goulart, Member of the Public
- David Stark, Bay East Association of REALTORS®

**PUBLIC COMMENTS**

There were no public comments.

**1. Approval of Minutes from the Council Sustainability Committee (CSC) Meeting  
Held on May 9, 2022**

The item was moved by Council Member Zermeño Márquez, seconded by Council Member Márquez, and approved unanimously.

**2. 2020 Greenhouse Gas Emissions Inventory – Information and Discussion**

Nicole Grucky, Sustainability Specialist, presented an informational report on the 2020 greenhouse gas (GHG) emissions inventory and provided a comparison to the previous six inventories.

## **Public Comments**

There were no public comments.

## **Committee Comments**

Council Member Zermeño thanked staff for the report and inquired how the high emissions reduction in 2020 would affect the next goal. Ms. Grucky explained that the 42.7% reduction was due to a large decrease in transportation emissions during the COVID-19 pandemic and should be noted as an anomaly. The goal would be to keep the GHG emission reduction from falling below the 2025 goal of 30%. Council Member Zermeño suggested encouraging residents to utilize solar panels and asked about the number of solar installations in Hayward. (Staff later found that according to East Bay Community Energy, as of June 2021, there were 4,949 service addresses (both residential and commercial) in Hayward with solar.)

Council Member Márquez recommended advocating for hybrid work schedules to minimize the number of vehicles on the road. She also recommended publicizing public transportation options, such as the Berryessa BART station in San Jose and the Express Bus, in The Stack and The Leaflet newsletters for residents needing to commute to the Silicon Valley.

Mayor Halliday also recommended providing more information to the public about assistance programs and tax incentives available as well as how residents could install solar panels.

### **3. Site License Agreement with East Bay Community Energy for Electric Vehicle Charging Stations – Discussion and Recommendation to Council**

*(Item moved up to #3 from #4)*

Erik Pearson, Environmental Services Manager, presented on the draft Site License Agreement with East Bay Community Energy (EBCE) that would allow EBCE to locate electric vehicle (EV) charging hubs on City-owned municipal parking lots and garages.

## **Public Comments**

Frank Goulart, member of the public, inquired if the charging hub in the Cinema Place parking structure would be located on the top level or lower level of the parking structure. Mr. Pearson answered that the EV chargers would be located on the ground level to minimize the length of the conduit for the equipment and to maximize visibility of the chargers.

## **Committee Comments**

Council Member Zermeño recommended encouraging EBCE to install EV charging hubs near coffee shops to benefit both the vendors and also customers looking to charge electric vehicles. Mr. Pearson responded that EBCE's first phase of the project focuses on publicly owned properties, but that they do intend to work with private property owners as well.

Council Member Márquez expressed her support of the draft Site License Agreement and recommended publicizing different municipal parking options that are available so that the public is aware that there is sufficient parking in Downtown Hayward, specifically on

higher levels of a structure. She also expressed her desire to eventually see other locations in South Hayward in communities with dense populations, such as apartments, as well as lower charging rates for low-income residents.

Mayor Halliday agreed with Council Member Márquez and stated that careful planning would be necessary and that these new developments could be a great asset.

#### **4. Climate Action Plan – Considerations for New General Plan Policies and Programs** *(Item moved down to #4 from #3)*

Ms. Nicole Grucky gave a presentation on updates to the Climate Action Plan (CAP), draft measures, and next steps to meet greenhouse gas (GHG) reduction targets.

#### **Public Comments**

Sangeeta, a member of the public and an organizer at Save the Bay, commended the ambitious goals of the CAP and urged the city to address climate adaptation and resilience in the plan.

David Stark, a member of the public and representative of the Bay East Association of Realtors, commented that partnerships with local realtors could help distribute information about energy saving practices and incentives to homeowners. He also stated that local realtors would be willing to assist in assessing financial realities and impacts of electrification requirements.

Natalie Blumberg, a member of the public, inquired about the meaning of “climate resilience.” Mr. Pearson explained that “climate resilience” was related to the adaptation portion of the CAP which involves making sure we are prepared for the change in climate that is coming such as weather patterns, drought, and wildfires.

#### **Committee Comments**

Council Member Márquez asked, if possible, to have a brief survey prioritizing the categories sent to the City Council before the Council Sustainability Committee meeting in January.

Council Member Zermeño expressed his support of the draft action plans, especially pertaining to the urban tree canopy study. He also recommended staff reach out to Mr. David Stark regarding his offer to help. In addition, Council Member Zermeño suggested staff reach out to Cal State East Bay to encourage greener efforts.

#### **5. 2023 Electrification Reach Codes – Discussion and Recommendation to Council**

Mr. Erik Pearson gave a presentation on considerations and draft ordinances addressing electrification of new buildings and electric vehicle charging requirements for the 2023 Reach Code.

#### **Public Comments**

Mr. Frank Goulart, stated his support for the measures being taken in the Reach Code and offered his assistance.

## Committee Comments

Council Member Márquez expressed her support of staff's recommendation. She also supported the complete ban on gas infrastructure effective January 2026 in order to meet 2030 GHG reduction target.

Council Member Zermeño also expressed his support for a complete ban on gas infrastructure effective January 2026. He also suggested staff promote information about available heat pump water heater rebates through a flyer insert in the water bill.

*The item was moved by Council Member Márquez and seconded by Council Member Zermeño and approved unanimously, to recommend to Council the adoption of two Reach Code Ordinances: 1) A New Building Electrification Ordinance; and 2) Amendments to the Off-Street Parking Regulations to Add Electric Vehicle Charging requirements.*

## Proposed 2022/2023 Agenda Planning Calendar: Review and Comment

Mr. Pearson shared the proposed 2022/2023 agenda planning calendar with the Council Sustainability Committee.

Council Member Zermeño suggested a future agenda item on electric scooters and bicycles. Director Ameri confirmed that this topic would be placed on the unscheduled items list for the future.

## COMMITTEE MEMBER/STAFF ANNOUNCEMENTS AND REFERRALS:

Mr. Pearson shared that on October 7<sup>th</sup>, staff would be having a meeting with Hayward's sister city in Funabashi, Japan, in which Environmental Programs staff from both cities would be sharing information with a focus on plastic pollution. He also announced that the Compost Giveaway would be on Saturday, November 5<sup>th</sup>, at the former Skywest Golf Course parking lot.

**ADJOURNMENT:** 6:27 p.m.

Attendance	MEETINGS			
	Present 10/06/22 Meeting	Present to Date This Fiscal Year	Excused to Date This Fiscal Year	Absent to Date This Fiscal Year
Elisa Márquez	✓	1	0	0
Barbara Halliday	✓	1	0	0
Francisco Zermeño	✓	1	0	0





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**File #:** RPT 22-105

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**DATE:** November 14, 2022

**TO:** Council Sustainability Committee

**FROM:** Director of Public Works

**SUBJECT**

East Bay Community Energy Update: Local Programs and Customer Bill Savings - Information and Discussion

**RECOMMENDATION**

That the Council Sustainability Committee (CSC) reviews and comments on this informational report.

**SUMMARY**

Staff from East Bay Community Energy (EBCE) will present an update on local programs, partnerships, and customer bill savings.

**ATTACHMENTS**

Attachment I Staff Report



**DATE:** November 14, 2022

**TO:** Council Sustainability Committee

**FROM:** Director of Public Works

**SUBJECT** East Bay Community Energy Update: Local Programs and Customer Bill Savings – Information and Discussion

## **RECOMMENDATION**

That the Council Sustainability Committee (CSC) reviews and comments on this informational report.

## **SUMMARY**

Staff from East Bay Community Energy (EBCE) will present an update on local programs, partnerships, and customer bill savings.

## **BACKGROUND**

In December 2016, Hayward joined the County of Alameda and ten of its cities in launching East Bay Community Energy (EBCE) as a joint powers authority to provide cleaner, greener energy to their customers at lower rates. EBCE began providing electricity to commercial, municipal, and residential accounts in 2018. Since 2018, EBCE has continued to increase investments in local programs, leading to an expansion in the number of programs offered and an increase in customer savings throughout EBCE's service area. EBCE now includes all cities in Alameda County except for the City of Alameda, which has its own electric utility. EBCE also serves the City of Tracy and in 2024 will begin serving the City of Stockton.

On November 10, 2020<sup>1</sup>, Council approved the use of EBCE's Renewable 100 product for all City facilities. Renewable 100 is sourced entirely from California solar and wind energy. On July 6, 2021<sup>2</sup>, Council voted to transition most Hayward customers to Renewable 100, effective January 2022.

## **DISCUSSION**

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<sup>1</sup> <https://hayward.legistar.com/LegislationDetail.aspx?ID=4688323&GUID=F7AA3CB1-0D7A-48C3-A886-6C7CE8C13EB7&Options=&Search=>

<sup>2</sup> <https://hayward.legistar.com/LegislationDetail.aspx?ID=5018124&GUID=8CCC9164-4B0D-463C-AD16-709EFC1035D4&Options=&Search=>

EBCE offers energy-related programs aimed at advancing environmental justice and helping communities become more resilient and sustainable. This year, the EBCE Board of Directors dramatically increased investment in local programs by approximately 150 percent, totaling \$22.5 million. Following are some of the programs that will be included in EBCE's presentation:

- EBCE's partnership with the City to study the feasibility of developing solar and battery energy systems at Hayward's critical municipal facilities.
- Partnerships with member-jurisdictions and public agencies to offer options and incentives for customers looking to electrify their homes and businesses.
- EBCE's Resilient Home Program, which helps residential customers avoid losing power during outages by aiding customer efforts to install solar and battery storage at their homes.
- Programs aimed at advancing transportation electrification through the development of electric vehicle fast charging infrastructure in the East Bay and by providing technical assistance to municipalities looking to electrify their vehicle fleets.
- Electrification of both passenger vehicles and medium to heavy-duty goods movement which has been a historic cause of poor air quality along the transportation corridors of the East Bay.
- Induction Cooktop Lending Program that allows customers to borrow an induction cooktop for two weeks before making the switch to electric cooking, which is a safer and cleaner alternative to cooking with natural gas.

## **ECONOMIC IMPACT**

While most Hayward customers are automatically enrolled in Renewable 100, customers on income or medical-related discounts are enrolled in Bright Choice. In addition, some Hayward customers have opted for the Bright Choice product. Bright Choice rates have been set at 1% less than PG&E rates, resulting in total bill savings of more than \$100,000 for Hayward customers in 2021. Customers enrolled in Renewable 100 have been paying a premium of one penny per kWh or approximately 4 to 5% more than PG&E rates. In June of this year, EBCE's Board of Directors approved lowering customer rates, raising the discount for Bright Choice customers from 1% to 3% relative to PG&E rates. The Board also lowered rates for Renewable 100 customers, lowering the premium to  $\frac{3}{4}$  of a penny per kWh more than PG&E rates.

In September, EBCE distributed a one-time \$50 bill credit to all customers enrolled in the CARE/FERA, income-qualifying discount programs. This amounted to roughly \$6.23 million in savings for nearly 125,000 East Bay homes.

## **FISCAL IMPACT**

Hayward's participation in EBCE has no impact to the City's General Fund or other funds other than staff time from existing budgeted positions.

## **STRATEGIC ROADMAP**

This agenda item relates to the Strategic Priority of *Confront Climate Crisis and Champion Environmental Justice*. Specifically, this agenda item relates to the implementation of the following projects:

Project C4: Transition electricity use in city operations to 100% renewable energy

Project C5: Adopt and implement 2030 GHG Goal and Roadmap

Project C9: Work with EBCE to transition citywide electricity use to 100% carbon-free

## **SUSTAINABILITY FEATURES**

Community choice energy was identified in the City's Climate Action Plan as the program with the greatest potential to reduce community wide GHG emissions. In 2018, Hayward's participation in EBCE resulted in the 20% GHG reduction goal for 2020 being met two years early. In 2019, due in large part to EBCE, Hayward's emissions were 25.7% lower than the 2005 baseline. However, in 2021, the carbon content for Bright Choice increased significantly while PG&E increased their GHG free portion of their product to 93%. When staff completes the 2021 emissions inventory, the Bright Choice product is expected to negatively impact Hayward's overall progress on emissions reductions.

## **PUBLIC CONTACT**

No public contact was made for this agenda item.

## **NEXT STEPS**

Staff will continue to implement Roadmap projects and, in the spring of 2023, will seek Council direction on potential changes to the Roadmap.

*Prepared by:* Erik Pearson, Environmental Services Manager

*Recommended by:* Alex Ameri, Director of Public Works

*Approved by:*



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Kelly McAdoo, City Manager



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**File #:** ACT 22-114

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**DATE:** November 14, 2022

**TO:** Council Sustainability Committee

**FROM:** Director of Public Works

**SUBJECT**

Existing Building Electrification Efforts - Information and Discussion

**RECOMMENDATION**

That the Council Sustainability Committee (CSC) reviews and comments on this report.

**SUMMARY**

Natural gas use in existing buildings accounts for about 22% of the City's community-wide greenhouse gas (GHG) emissions. Common appliances in buildings that use natural gas include stoves, water heaters, and furnaces. The City is in the process of updating its Climate Action Plan (CAP) to establish policies and programs needed to meet the GHG reduction targets adopted by Council. Policies and programs that address the GHG emissions from natural gas in existing buildings will be included within the CAP. In support of the City's CAP update, from September 2021 to June 2022, staff participated in a workshop series hosted by RMI (formerly the Rocky Mountain Institute) and Emerald Cities Collaborative (ECC) for local governments and community-based organizations (CBOs) to partner in the co-creation of equitable electrification solutions for existing homes. The City partnered with the Local Clean Energy Alliance (LCEA) which helped identify key equity issues, such as language barriers and the need for tenant protections before any new policy is implemented. LCEA also helped identify keys to success, such as working closely with the Housing Division and focusing outreach on health and comfort benefits. At the end of the workshop series, LCEA was awarded a grant of \$10,000 to continue to work with the City to engage with community stakeholders to ensure that all policies in the updated CAP pertaining to existing building electrification are equitable and align with community needs.

**ATTACHMENTS**

Attachment I Staff Report



**DATE:** November 14, 2022

**TO:** Council Sustainability Committee

**FROM:** Director of Public Works

**SUBJECT:** Existing Building Electrification Efforts – Information and Discussion

## **RECOMMENDATION**

That the Council Sustainability Committee (CSC) reviews and comments on this report.

## **SUMMARY**

Natural gas use in existing buildings accounts for about 22% of the City's community-wide greenhouse gas (GHG) emissions. Common appliances in buildings that use natural gas include stoves, water heaters, and furnaces. The City is in the process of updating its Climate Action Plan (CAP) to establish policies and programs needed to meet the GHG reduction targets adopted by Council. Policies and programs that address the GHG emissions from natural gas in existing buildings will be included within the CAP. In support of the City's CAP update, from September 2021 to June 2022, staff participated in a workshop series hosted by RMI (formerly the Rocky Mountain Institute) and Emerald Cities Collaborative (ECC) for local governments and community-based organizations (CBOs) to partner in the co-creation of equitable electrification solutions for existing homes. The City partnered with the Local Clean Energy Alliance (LCEA) which helped identified key equity issues, such as language barriers and the need for tenant protections before any new policy is implemented. LCEA also helped identify keys to success, such as working closely with the Housing Division and focusing outreach on health and comfort benefits. At the end of the workshop series, LCEA was awarded a grant of \$10,000 to continue to work with the City to engage with community stakeholders to ensure that all policies in the updated CAP pertaining to existing building electrification are equitable and align with community needs.

## **BACKGROUND**

In July 2009, Hayward adopted its first CAP, which included aggressive goals for reducing GHG emissions. The CAP was amended and incorporated into the General Plan<sup>1</sup> in 2014 and includes actions necessary to meet Hayward's 2020 GHG reduction target (20% below

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<sup>1</sup>[https://www.hayward-ca.gov/sites/default/files/documents/General\\_Plan\\_FINAL.pdf](https://www.hayward-ca.gov/sites/default/files/documents/General_Plan_FINAL.pdf)

2005 levels by 2020). This target was achieved two years early, with Hayward's 2018 emissions inventory showing that community-wide emissions were reduced by 21.6% from 2005 to 2018. In January 2021, staff presented to the CSC Hayward's 2019 GHG inventory<sup>2</sup> showing that emissions had been reduced by 25.7% since 2005.

On June 23, 2020<sup>3</sup>, Council adopted an ordinance amending Hayward's CAP and General Plan to include the following goals:

- reduce emissions by 30% below 2005 levels by 2025
- reduce emissions by 55% below 2005 levels by 2030
- work with the community to develop a plan that may result in the reduction of community based GHG emissions to achieve carbon neutrality by 2045.

On July 20, 2021<sup>4</sup>, Council adopted a resolution authorizing the City Manager to execute an agreement with Rincon Consultants to prepare General Plan amendments related to the Housing Element, CAP, Environmental Justice Element, and the Safety Element.

In Fall 2021, staff applied and were accepted into RMI and ECC's California Equitable Home Electrification Program (CEHEP) for local governments and CBOs in California to partner in the creation of equitable existing home electrification solutions. Other jurisdictions who participated included Contra Costa County, Los Angeles County, and the Cities of Chula Vista, Oakland, Sacramento, San Luis Obispo, Santa Cruz, Santa Monica, and Watsonville. Observing cities included Berkeley<sup>5</sup> and San Jose<sup>6</sup>, who have already adopted existing building electrification strategies. CEHEP included nine virtual convenings between September 2021 – June 2022, designed to help participants develop the knowledge, resources, and relationships needed to begin creating an equitable existing home electrification policy plan. As a part of the workshop, RMI and ECC provided the City an ecosystem map to identify priority equity-oriented community partners; a \$6,000 honorarium to the CBO to participate alongside Hayward (LCEA); an existing building inventory; and a cost analysis tool. In June 2022, LCEA was awarded another \$10,000 honorarium to continue partnering with the City, including reviewing all policies in the CAP pertaining to existing building electrification and providing recommendations and feedback to ensure they are equitable and aligned with community needs.

Natural gas in existing buildings accounts for over 20% of the City's GHG emissions, as of 2019, and is the second largest source of emissions in Hayward (Chart 1).

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<sup>2</sup> <https://hayward.legistar.com/LegislationDetail.aspx?ID=4747797&GUID=2B1F0C6F-B961-4AA3-9553-240ACE74B4B1&Options=&Search=>  
<sup>3</sup>Second Reading of VMT Thresholds and GHG Emission Reduction Targets Ordinance. June 23, 2020 City Council Meeting.

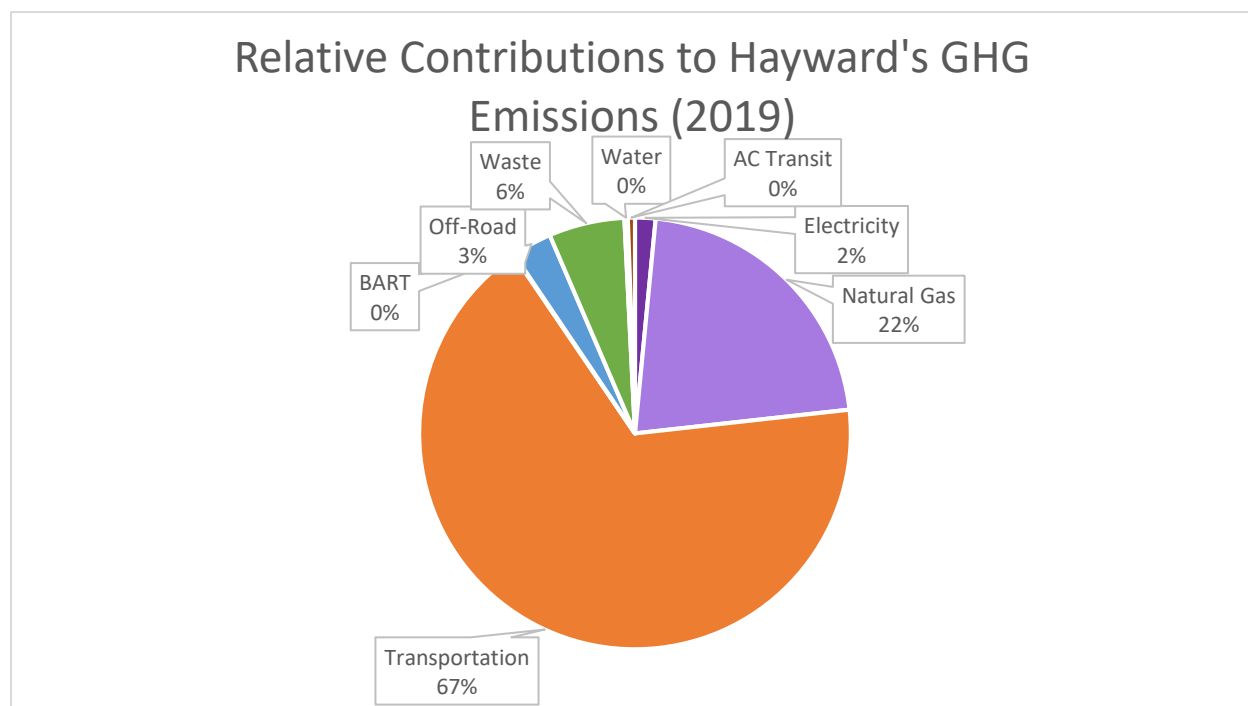
<https://hayward.legistar.com/LegislationDetail.aspx?ID=4576651&GUID=4E2F5527-D216-4472-BB79-5D9A37A41AE8&Options=&Search=>

<sup>4</sup> <https://hayward.legistar.com/LegislationDetail.aspx?ID=5034289&GUID=A1DD2D35-7B4A-42C8-9284-7DEB78AAD470&Options=&Search=>

<sup>5</sup> <https://berkeleyca.gov/sites/default/files/2022-01/Berkeley-Existing-Buildings-Electrification-Strategy.pdf>

<sup>6</sup> <https://www.sanjoseca.gov/home/showpublisheddocument/86537/637896685225470000>

**Chart 1: Relative contributions to Hayward's GHG Emissions (2019)**



The building inventory (Table 1, Chart 2, Chart 3) provided by RMI, using data sources from 2018-2020, includes key information, such as number of buildings, percent of units that are renter occupied, and the heating fuel used for various appliances that can guide an equitable program and policy recommendations.

**Table 1: Building Inventory, as of 2018**

Key Statistics	Single-family <sup>7</sup>	Multi-family <sup>8</sup>	Total
Number of <b>buildings</b>	28,123 (97%)	943 (3%)	29,077
Number of <b>households</b>	31,997 (65%)	14,954 (30%)	49,335
% of units built <b>before 1978</b>	70%	86%	71%
% of <b>renter</b> occupied units	28%	93%	47%
% of households with <b>A/C</b> (including RAC <sup>9</sup> )	26%	13%	22%
% of population in <b>disadvantaged community</b>	-	-	7%
% of total roofs <b>viable for solar</b>	-	-	97%

<sup>7</sup> Includes single-family attached and single-family detached, excludes dwelling units less than 300 square feet

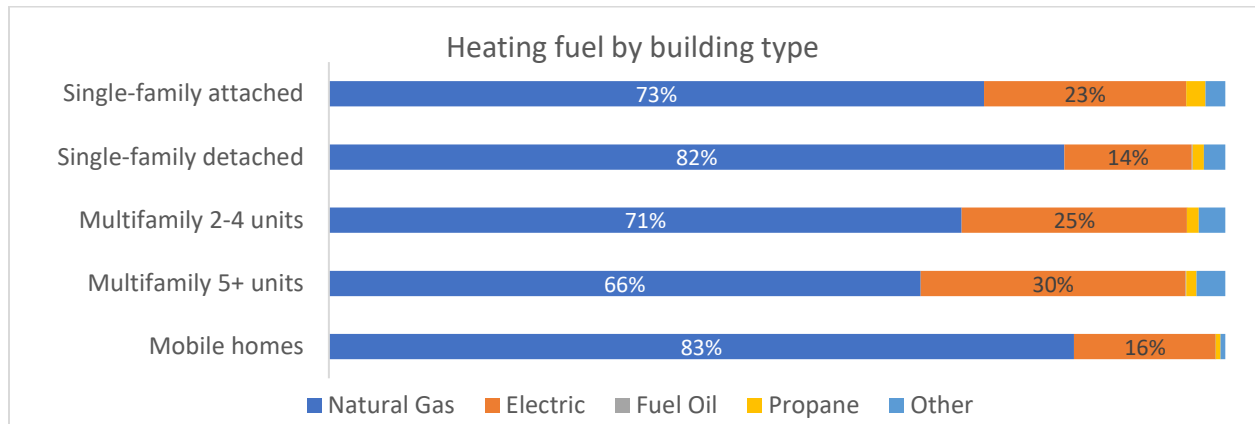
<sup>8</sup> Includes multifamily 2-4 units and multifamily 5+ units

<sup>9</sup> Room Air Conditioning

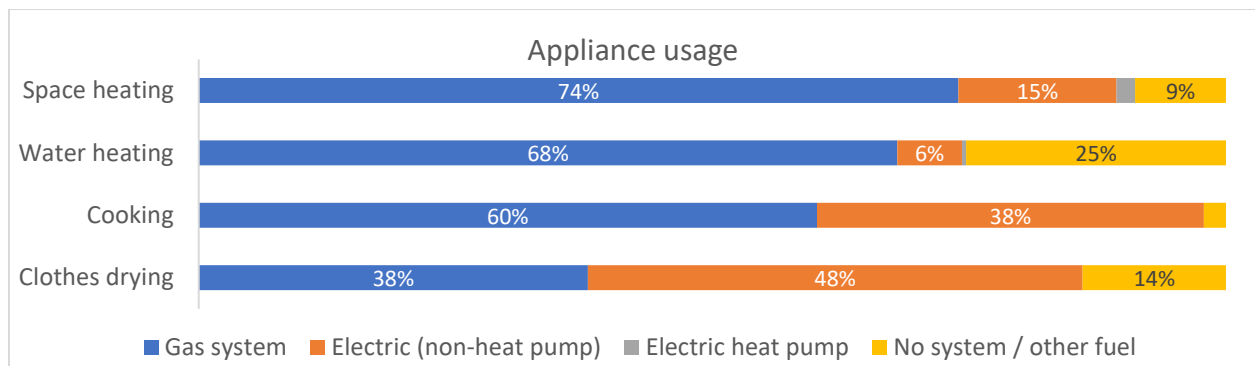


% of households in <b>0-100% AMI</b> <sup>1011</sup>	54%	76%	61%
% of households in <b>0-30% AMI</b> <sup>12</sup>	11%	23%	15%
Area Median Household Income (AMI)			\$119,200
Avg. <b>energy burden</b> <sup>13</sup> of households in 0-30% AMI	8%	5%	7%

**Chart 2: Heating fuel by building type**



**Chart 3: Appliance usage**



## DISCUSSION

LCEA was selected as the CBO partner for the CEHEP workshop series. While the partnership between the City and LCEA was new, LCEA was a key advocacy CBO in the formation of East Bay Community Energy (EBCE) and works at the local and state level to promote a clean energy future through the development and democratization of local renewable energy

<sup>10</sup> <30% = Extremely Low Income; <50% = Very Low Income; <80% = Low Income; 100% = Average Median Income (\$142,800 in Alameda County in 2022)

<sup>11</sup> <30% = Extremely Low Income; <50% = Very Low Income; <80% = Low Income; 100% = Average Median Income (\$142,800 in Alameda County in 2022)

<sup>12</sup> 0-30% AMI = Extremely Low Income

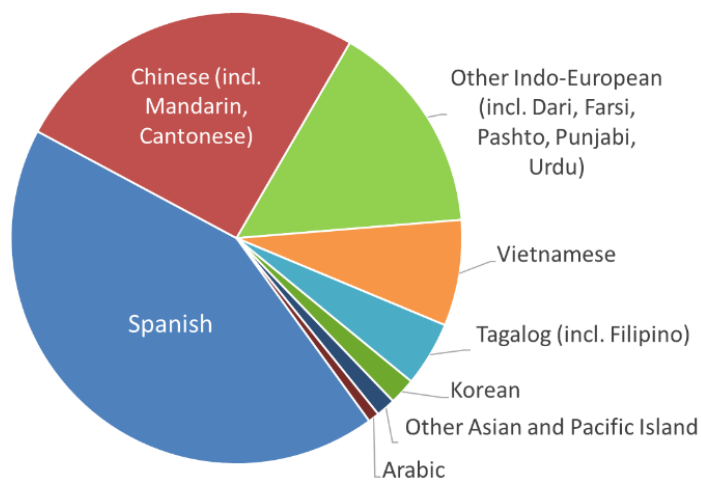
<sup>13</sup> Percentage of household income spent on energy costs

resources. Over the course of the ten-month workshop, the City and LCEA worked together, building a partnership that has continued post-workshop.

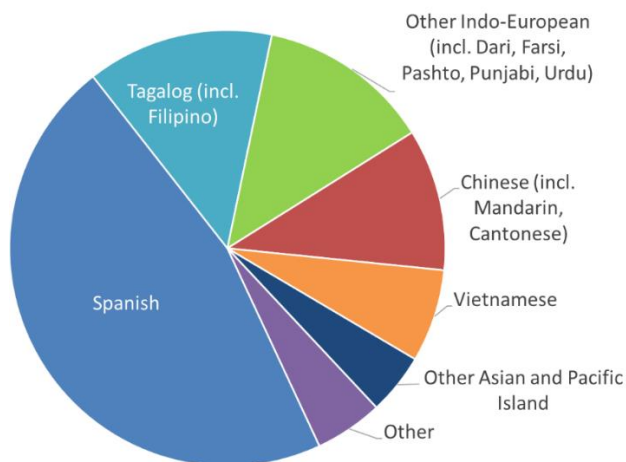
Throughout the workshop, LCEA voiced two equity concerns about any program and/or policy recommendations for existing building electrification: 1) barriers due to the diverse languages spoken by the Hayward community (Chart 4); and 2) the need for tenant protections given 47% of units are renter occupied in Hayward.

#### Chart 4: 2019 American Community Survey Data – Language

*60% of residents speak a language other than English at home.  
Of those residents, their primary language used:*



*21% of residents speak English “less than well”.  
Of those residents, their primary language used:*



*Addressing the Language Barrier* – To address the language barrier, the City and LCEA were awarded another honorarium for LCEA to continue working with the City after the end of the workshop. The outcomes and deliverables for this partnership include: create a process whereby low-income and BIPOC communities can co-create building electrification policy; provide recommendations on the draft measures in the City’s CAP; translate essential communications relating to building electrification into Spanish and assist with their distribution; and host a focus group with non-English speaking residents to collect input on existing building electrification draft measures in the CAP.

*Addressing Displacement & Tenant Protections* – Housing affordability has become a crisis in many parts of the United States, with unaffordability on the rise in nearly all cities and metro areas. In a typical building owner’s business model, any required capital or upgrade costs (like electrification measures) for the building are passed on to renters in the form of a rent increase. For those already struggling to pay rent, this increased cost can lead to displacement. To address tenant protections, Environmental Services staff worked with Housing staff to understand the existing tenant protections already in place and how they may come into play if new electrification policies are implemented. Additionally, staff has begun building a relationship with Habitat for Humanity, Rebuilding Together, GRID Alternatives, and California State University East Bay’s (CSU East Bay) Public Health Department to develop a program that could build upon existing low-income, homeowner occupied rehabilitation and no-cost solar installations by adding electrification measures while work is already underway through these existing City and State-funded programs. Staff and the consortium of partners are currently seeking funding opportunities to pilot this work.

## **ECONOMIC IMPACT**

Climate change is expected to negatively impact national and local economies. The updated CAP, including the existing building electrification measures, will help make Hayward’s economy more resilient to climate change. Many existing electrification building programs and policies may create increased costs for Hayward community members and businesses, but also have the potential co-benefits such as better health outcomes and job creation. As the programs and policies are refined, staff will review each for potential economic impacts. Additionally, staff is actively seeking out funding to pilot programs at no-cost to residents.

## **FISCAL IMPACT**

Participation in the CEHEP workshop was at no-cost to the City and RMI and ECC provided the honorariums to the CBO partners. Staff participation and work on program and policy recommendations is at no cost to the City beyond budgeted staff positions.

## **STRATEGIC ROADMAP**

This agenda item supports the Strategic Priority to Confront Climate Crisis & Champion Environmental Justice. Specifically, this item is related to implementation of the following project:

Project C5: Adopt & Implement 2030 GHG Goal and Roadmap along with other General Plan Elements

## **SUSTAINABILITY FEATURES**

Meeting GHG reduction goals is the primary objective of the City's CAP. Meeting the goals will require reducing emissions in every sector of Hayward's economy and will entail improving energy efficiency in buildings, decarbonizing existing buildings, and increasing the use of renewable energy. All these actions will result in cleaner air for Hayward residents and for the region.

## **PUBLIC CONTACT**

The existing building electrification work has been completed in close partnership with the LCEA. Staff and LCEA plan to host a focus group with non-English speaking residents to collect input on Hayward's CAP before the CAP is adopted in summer 2023.

## **NEXT STEPS**

Based on input from the CSC, Council, CBOs, and community input, staff will finalize the list of measures regarding existing building electrification for the CAP. Once the CAP is adopted, staff will work on drafting an existing building electrification roadmap, that outlines the programs and policies needed to achieve the City's adopted GHG emission reduction targets.

*Prepared by:* Nicole Grucky, Sustainability Specialist  
Erik Pearson, Environmental Services Manager

*Recommended by:* Alex Ameri, Director of Public Works

*Approved by:*



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Kelly McAdoo, City Manager



# CITY OF HAYWARD

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**File #:** RPT 22-104

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**DATE:** November 14, 2022

**TO:** Council Sustainability Committee

**FROM:** Director of Public Works

**SUBJECT**

Annual Update on Implementation of Strategic Roadmap (Sustainability-Related Projects) - Information and Discussion

**RECOMMENDATION**

That the Council Sustainability Committee (CSC) receives an update on the implementation of sustainability-related projects within the priority areas of Confront Climate Crisis and Champion Environmental Justice and Invest in Infrastructure.

**SUMMARY**

The City is in its third year of implementing the three-year Strategic Roadmap adopted by Council in January 2020. The most recent update to the Roadmap was adopted by Council in May 2022 to account for adjusted timelines as a result of the COVID-19 pandemic and the addition of new projects. This report provides a status update on implementation of sustainability-related projects within the priority areas of Confront Climate Crisis and Champion Environmental Justice and Invest in Infrastructure.

**ATTACHMENTS**

Attachment I Staff Report

Attachment II Strategic Roadmap Table



**DATE:** November 14, 2022

**TO:** Council Sustainability Committee

**FROM:** Director of Public Works

**SUBJECT:** Annual Update on Implementation of Strategic Roadmap (Sustainability-Related Projects) – Information and Discussion

## **RECOMMENDATION**

That the Council Sustainability Committee (CSC) receives an update on implementation of sustainability-related projects within the priority areas of Confront Climate Crisis and Champion Environmental Justice and Invest in Infrastructure.

## **SUMMARY**

The City is in its third year of implementing the three-year Strategic Roadmap adopted by Council in January 2020. The most recent update to the Roadmap was adopted by Council in May 2022 to account for adjusted timelines as a result of the COVID-19 pandemic and the addition of new projects. This report provides a status update on implementation of sustainability-related projects within the priority areas of Confront Climate Crisis and Champion Environmental Justice and Invest in Infrastructure.

## **BACKGROUND**

On January 28, 2020<sup>1</sup>, Council adopted the City's first Strategic Roadmap for FY21-23, which outlined a set of goals and priority projects and a detailed timeline of strategies to achieve these goals by the end of FY23. On March 9, 2020<sup>2</sup>, the CSC reviewed and commented on the proposed sustainability goals to be included in the Strategic Roadmap, ensuring that they were aligned with Hayward's sustainability goals for 2025 and 2030.

During 2020 and 2021, staff made major adjustments to project workplans in response to the COVID-19 pandemic, which impacted budgets and slowed progress for many projects.

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<sup>1</sup> <https://hayward.legistar.com/LegislationDetail.aspx?ID=4315589&GUID=1F328D58-C3FC-41E5-8BF7-A17E4E09DDCB&Options=&Search=>

<sup>2</sup> <https://hayward.legistar.com/LegislationDetail.aspx?ID=4389836&GUID=E95EA497-9AFD-4648-A962-ADB13ACBA2DC&Options=&Search=>

On June 1, 2021<sup>3</sup>, Council adopted its first round of staff-recommended revisions to the Roadmap with adjusted timelines for projects that had been delayed because of COVID-19, and new projects that had materialized since the Roadmap's initial adoption.

On May 3, 2022<sup>4</sup>, Council adopted the latest update to the Strategic Roadmap for the FY23 Budget, including an approach to incorporate a racial equity framework to the Roadmap, updates to the priority titles, and the reprioritization of key projects. The complete Strategic Roadmap and background information are available on the City's website<sup>5</sup>.

## **DISCUSSION**

The table in Attachment II lists the sustainability-related projects in the Strategic Roadmap and the status of each.

## **ECONOMIC AND FISCAL IMPACT**

This informational report has no economic or fiscal impacts.

## **STRATEGIC ROADMAP**

This agenda item supports overall implementation of the sustainability-related projects in the Strategic Roadmap.

## **PUBLIC CONTACT**

No public contact was made for this agenda item.

## **NEXT STEPS**

Staff will continue to implement Roadmap projects and, in the spring of 2023, will seek Council direction on potential changes to the Roadmap.

*Prepared by:* Erik Pearson, Environmental Services Manager

*Recommended by:* Alex Ameri, Director of Public Works

*Approved by:*



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<sup>3</sup> <https://hayward.legistar.com/LegislationDetail.aspx?ID=4968961&GUID=22D0F57F-B982-4566-8DA6-CE2854247AB0&Options=&Search=>

<sup>4</sup> <https://hayward.legistar.com/LegislationDetail.aspx?ID=5565349&GUID=459912E5-E1C0-4580-BE80-3DFEFBC33C72&Options=&Search=>

<sup>5</sup> <https://www.hayward-ca.gov/your-government/documents/hayward-strategic-roadmap>

Kelly McAdoo, City Manager



Projects		Status	Lead	Support	Notes
Confront Climate Crisis and Champion Environmental Justice					
Reduce greenhouse gases and dependency on fossil fuels					
C1	Ban natural gas in new residential building	Complete	PW	DS	Completed with the adoption of the Reach Code in March 2020.
C2	Require EV charging infrastructure in new construction	Complete	PW	DS	Completed with the adoption of the Reach Code in March 2020.
C3	Adopt and implement the 2019 Building Code & Fire Code	Complete	DS	FD	The 2019 Code was adopted in December 2019. The 2022 Code was considered by Council on November 1, 2022, and will take effect January 1, 2023.
C4	Transition electricity use in city operations to 100% renewable energy	Complete	PW	MS	On November 10, 2020, Council adopted Resolution 20-194 approving the use of Renewable 100 for all City facilities. The transition was completed in January 2021.
C5	Adopt and implement 2030 GHG Goal & Roadmap along with other General Plan Element	On track to finish Y3	PW	DS	The 2030 GHG goal was adopted by Council in June 2020. The Roadmap (Climate Action Plan) is currently being updated and is scheduled to be completed in the summer of 2023.
C6	Prepare a plan to facilitate transition of natural gas appliances to electric in City facilities	Slowed to Y3+ due to lack of staff capacity	MS	PW	Staff is currently evaluating options for preparing a plan for City facilities. Staff is also currently utilizing a PG&E program to replace 20 gas water heaters with electric models in several facilities. Work is expected to be completed by the end of 2022.
C7	Plant 1,000 trees annually (500 trees per year by City staff, 500 additional trees by other partners (HARD, HUSD, CSU, Chabot, and private developers))	Complete	MS	DS	Completed at 6 month mark in FY22. Consider increased goal for FY24.
C8	Transition 15% of total city fleet to EV/hybrid models	On track to finish Y3	MS	PW	City fleet currently has 14% EV or Hybrid vehicles (53 out of 376). An additional 29 hybrid vehicles are currently on order. Once received, the percentage will increase to 22%.
C9	Work with EBCE to transition citywide electricity use to 100% carbon free	Slowed to Y3+ due to feasibility for discounted customers	PW	MS	With East Bay Community Energy's current rates, implementation of this program would result in rate increases for lower income customers. EBCE's goal is to have its entire portfolio carbon free by 2030.
C10	Explore feasibility of banning natural gas in non-residential (commercial) buildings (for next code update)	Ongoing and will continue into Y3+	PW	DS, ED	On November 1, 2022, staff presented Council with a recommended reach code ordinance to be effective 1/1/2023. Staff is recommending that gas continue to be allowed in non-residential buildings. The updated Climate Action Plan will likely call for a complete ban on natural gas infrastructure in new construction effective January 2026.

Projects		Status	Lead	Support	Notes
Reduce waste by promoting a circular economy					
C11	Develop ordinance regulating single-use food ware in restaurants and coordinate with county-wide efforts	Complete	PW	DS	Use of single use food-ware is addressed by AB 1276, which took effect on June 1, 2022.
C12	Conduct outreach regarding AB1276	On track to finish Y3	PW	DS	Staff is working with StopWaste to create flyer regarding AB1276 requirements. Letters and flyers will be mailed to all Hayward restaurants in late 2022 and early 2023. Staff will post outreach materials on City webpage.
C13	Explore funding opportunities to increase the circular food economy in Hayward as part of the Alameda County All in Eats Initiative	Added project	CM	PW, CS	Convening Hayward partners on food topics to define key assets, assess Hayward's needs, and formulate a Hayward Food Action Plan. The goal of this plan is to create a communicating network across providers and approach potential funders. The final plan will be presented to Council around April-May 2023.
Mitigate climate crisis impacts through resilient design and community engagement					
C14	Shoreline Master Plan				
C14a	Complete Shoreline Master Plan	Complete	DS	PW	The Hayward Regional Shoreline Adaptation Master Plan was approved by Council on February 16, 2021.
C14b	Implement Shoreline Master Plan, including mitigating sea level rise in the industrial corridor through building requirements and outreach	Ongoing and continuous	DS	PW	The Hayward Area Shoreline Planning Agency (HASPA) is implementing several projects identified in the Plan and also adding more member agencies to the Joint Powers Agreement to help facilitate implementation.
C15	Update Tree Preservation Ordinance	In Progress	DS	MS	Staff is currently seeking a consultant to update the ordinance.
C16	Pursue on water conservation measures like increasing recycled water supplies	Complete	PW		The City began delivering recycled water to 31 commercial irrigation customers in March 2022. A Recycled Water Master Plan will be developed in the next few years to determine potential expansion of the Recycled Water System.
Invest in Infrastructure					
N9	Expand EV charging infrastructure for city fleet and employees				
N9a	Conduct analysis of future demand	Complete	MS	PW	Staff worked with EBCE to complete a fleet electrification analysis in the spring of 2022. Staff is currently seeking cost estimates for an analysis of charging needs for City employees.
N9b	Construct additional EV charging facilities	Ongoing and will continue into Y3+	MS	PW	After the charging needs for City employees are determined, staff will proceed with plans to install chargers at each City facility.
N22	Meet regulatory requirements for zero trash in stormwater by installing trash capture devices				
N22a	Install trash capture devices	Complete and continuous	PW		Staff installed more than 300 small trash capture devices during FY 21/22 and plans to install two large devices during FY 22/23. Currently, the City has 2 CDS units, 4 large screens, and 629 small devices installed.
N22b	Perform related trash reduction activities	Complete and continuous	PW		Staff currently maintains 629 small devices, 2 large CDS units, and 4 trash screens. Staff also conducts street sweeping, on-land pick up of trash on streets and waterways, and supports all volunteer trash pick up efforts. Currently, the City has 86% trash reduction credit towards our stormwater mandate to reduce trash by 100% by July 1, 2025.

CM = City Manager's Office; CS = Community Services; DS = Development Services; ED = Economic Development; MS = Maintenance Services; PW = Public Works & Utilities



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**File #:** ACT 22-110

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**DATE:** November 14, 2022

**TO:** Council Sustainability Committee

**FROM:** Director of Public Works

**SUBJECT**

Proposed 2023 Agenda Planning Calendar: Review and Comment

**RECOMMENDATION**

That the Council Sustainability Committee (CSC) reviews and comments on this report.

**SUMMARY**

The proposed 2023 agenda planning calendar contains planned agenda topics for the CSC meetings for the Committee's consideration. This agenda item is included in every CSC agenda and reflects any modifications to the planning calendar, including additions, rescheduled items, and/or cancelled items.

**ATTACHMENTS**

Attachment I Staff Report



**DATE:** November 14, 2022

**TO:** Council Sustainability Committee

**FROM:** Director of Public Works

**SUBJECT:** Proposed 2023 Agenda Planning Calendar: Review and Comment

### **RECOMMENDATION**

That the Council Sustainability Committee (CSC) reviews and comments on this report.

### **SUMMARY**

The proposed 2023 agenda planning calendar contains planned agenda topics for the CSC meetings for the Committee's consideration. This agenda item is included in every CSC agenda and reflects any modifications to the planning calendar, including additions, rescheduled items, and/or cancelled items.

### **DISCUSSION**

For the Committee's consideration, staff suggests the following tentative agenda topics for 2023.

Underlined – Staff recommends item to be added to Approved Agenda Planning Calendar.

<b>January 9, 2023</b>
Municipal Regional (Stormwater) Permit-MRP 3.0 and Recommended Amendments to the City's Stormwater Ordinance
Safety Element – Draft Climate Adaptation Policies & Programs – Information and Discussion
Update on Litter Assessment by Litterati – Information and Discussion
<b>March 13, 2023</b>
City Fleet Electrification & Electric Vehicle Charging – Information and Discussion
Energy Resilient Public Facility Program - Discussion and Recommendation to Council

Unscheduled Items
Low Carbon Concrete (to be considered for 2026 Reach Code)
Pilot Program for Reusable Dishware
EV Charging Requirements for Existing Multifamily Properties
Ending Natural Gas Use by 2045 (to be considered for 2026 Reach Code)
Recycled Water Phase 2 Project

## NEXT STEPS

Upon direction from the Committee, staff will revise the above list as necessary and schedule items accordingly for upcoming meetings.

*Prepared by:* Erik Pearson, Environmental Services Manager

*Recommended by:* Alex Ameri, Director of Public Works

Approved by:




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Kelly McAdoo, City Manager