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**File ID:** 2022-01807

12/6/2022

**Discussion Item 21.**

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## **Quarterly Climate Update**

File ID: 2022-01807

**Location:** Citywide

**Recommendation:** Receive and comment.

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### **Attachments:**

- 1-Description/Analysis
- 2-Status of Climate Tasks
- 3-2022 Climate Schedule

## **Additional Description/Analysis**

**Issue Detail:** This serves as a quarterly report on the City's climate action progress, with updates since the last report to City Council on August 16, 2022, as part of the Carbon Neutrality Workshop. Staff have continued to advance key plans and ordinances, pursued grant funding, and prepared to implement new programs. Efforts are highly collaborative, and implemented across departments in the City organization.

As directed at the August 16<sup>th</sup> City Council meeting, staff accelerated the release of the preliminary public review draft Adaptation section of the Climate Action and Adaptation Plan (CAAP). Staff released this document on October 31, 2022, with the draft Vulnerability Assessment and response to comments on the July 2022 preliminary public review draft CAAP.

Additionally, key policy and ordinance milestones since August include the adoption of the New Building Electrification Ordinance on November 29<sup>th</sup>, adoption of the Transportation Priorities Plan prioritization on November 15<sup>th</sup>, and recommendation of the Alternative Water Systems (Dual

Plumbing) Ordinance by the Law and Legislation Committee on November 15.

Work is also underway to advance climate action through City programs and operations:

- City staff received notice of recommendation for a competitive \$350,000 grant award in partnership with SMUD. Grant funds will subsidize electric appliances for low-income housing through the City's Housing Anti-Displacement Program. Staff will bring this agreement to City Council for approval. The City is also leveraging American Rescue Plan Act (ARPA) funding to assist with commercial electrification in the Gardenland/Northgate neighborhood, in partnership with the Sacramento Hispanic Chamber of Commerce and SMUD.
- Climate is integrated as a core tenet of the City's Climate Action and Resiliency Youth and Young Adult Pathways Program, for which staff are currently soliciting government and non-profit proposals with funding from the CaliforniansForAll Job Corps grant.
- City staff convened public webinars for input on approaches to the forthcoming climate and environmental justice pilot, which will launch in early 2023.
- Planning for City fleet electrification is underway, with design in process for charging infrastructure to support the five-year fleet electrification needs.
- Energy audits continue for City facilities, and staff prepare to implement retrofits with one-time Climate Implementation Work Plan (Work Plan) funding.

A full summary is available in Attachment 2 - Status of Climate Tasks. A schedule of upcoming milestones for key efforts is available in Attachment 3 - 2022 Climate Schedule.

In 2023, staff will continue to advance priority efforts. Outreach for the Existing Building Electrification Strategy will re-commence in early 2023, building on early modeling and cost-benefit results, as well as early stakeholder input. Limited staff capacity and competing climate priorities are resulting in delays to the Existing Building Electrification Strategy, but work will continue in early 2023. Public release of the full draft CAAP will occur in early 2023, along with the full draft Sacramento 2040 General Plan. Staff will convene a range of outreach and engagement activities in early 2023 to support community review and feedback on the documents.

A critical issue for continued implementation in 2023 is identification of ongoing funding for climate. Staff will continue to pursue external funding opportunities in collaboration with partners as new opportunities emerge. Staff will continue to prioritize and recommend high-impact opportunities that are feasible to deliver with existing City staff and consultant resources.

Following completion of the CAAP in 2023, City staff will update the Climate Work Plan to serve as the work program reflecting near-term CAAP implementation items, capacity and resources, and the primary supportive or enabling efforts.

**Policy Considerations:** The City of Sacramento is committed to achieve carbon neutrality by 2045 (Resolution No. 2019-0433). The City's Climate Emergency Declaration advances the City's

commitment to “maximum feasible efforts to implement emergency-speed carbon reduction actions towards eliminating emissions by 2030 as much as possible” (Resolution No. 2019-0465) in collaboration with a range of stakeholders, while evaluating available resources.

**Economic Impacts:** This staff report does not include recommended action with direct economic impact. However, the City is preparing to implement youth and young adult pathway programs that build on regional green job opportunities. City staff are delaying an update to the City Council on green workforce opportunities until early 2023, to align with the timeline of the Climate Action and Resiliency Youth and Young Adults Pathways Program.

**Environmental Considerations:** This report does not involve activities that constitute a “project” as defined by Sections 15061(b)(3) and 15378(b)(4) of the California Environmental Quality Act (CEQA) Guidelines.

**Sustainability:** The City’s climate action initiatives reduce greenhouse gas emissions that contribute to global climate change. These initiatives provide long-term livability and sustainability benefits, while also supporting near-term benefits for residents and such as improving air quality, increasing transportation and mobility options, and more. For example, new buildings that are all-electric can be cheaper to construct and offer ongoing cost savings to residents and tenants.

**Commission/Committee Action:** The Law and Legislation Committee provided direction for staff to advance new standards for new development related to on-site water reuse and all-electric construction. On September 20, 2022, the Law and Legislation Committee recommended the New Building Electrification Ordinance and Infeasibility Guidelines to City Council (adopted on November 29<sup>th</sup>); in addition, the Committee provided direction for the framework of a dual plumbing ordinance. On November 15, 2022, the Law and Legislation Committee considered and recommended the Alternative Water Systems (Dual Plumbing) Ordinance to City Council.

**Rationale for Recommendation:** Quarterly climate reports to the City Council are responsive to City Council direction. These reports provide transparency and accountability on implementation of the City’s climate action initiatives.

**Financial Considerations:** Current efforts in the Climate Work Plan are supported by available funding in the Climate Action Initiatives Program (I02002300), the Energy Efficiency Reinvestment Program (C13001900), and the Active Transportation Program (T15180400), as well as other existing funding.

Long-term, new resources will be needed to fully implement City actions in the CAAP by 2045. Staff estimate a funding gap of \$3.2 billion. Evaluation of funding options and implementation considerations will continue with development and finalization of the CAAP in 2023.

**Local Business Enterprise (LBE):** Not applicable.



2022 Quarter 3 Accomplishments		2022 Quarter 4 Upcoming Milestones
Office of Climate Action & Sustainability	Key Department Partners <sup>1</sup>	
Internal and administrative tasks		
Continued Green Team monthly convenings with key departments (two meetings in 2022 Quarter 3)  With IT support, launched internal Office of Climate Action & Sustainability webpage with resources for City staff	Senior Planner hired to manage climate and sustainability projects in CDD  Recruitment in process for key climate positions in DOU and DPW	With IT support, presenting internal sustainability performance monitoring dashboard to department heads  Release of proposals for translation assistance and on-call climate advising support  Recruitment of Office of Climate Action & Sustainability intern and Sustainability Analyst
Outreach, engagement, and capacity-building		
Monthly Office newsletter continued  Support for community-led application to Regional Climate Collaboratives Program  Webinars convened to report back on climate and environmental justice pilot		Request for proposals for climate and environmental justice pilot grant administrator  Public launch of climate and environmental justice pilot application in early 2023
Strategic Project Actions		
City Facilities and Operations		
	Completion of audits at two additional facilities	DPW contract approval on 10/11 to participate in SMUD’s Custom Energy Solutions

<sup>1</sup> Department and Office abbreviations:

CDD: Community Development Department

DOU: Department of Utilities

DPW: Department of Public Works

HR: Human Resources

IT: Information Technology

OEM: Office of Emergency Management

OIED: Office of Innovation and Economic Development

SFD: Sacramento Fire Department

YPCE: Department of Youth, Parks, and Community Enrichment

<b>2022 Quarter 3 Accomplishments</b>		<b>2022 Quarter 4 Upcoming Milestones</b>
<b>Office of Climate Action &amp; Sustainability</b>	<b>Key Department Partners<sup>1</sup></b>	
	<p>Ongoing DPW design of electric vehicle charging infrastructure at City facilities</p> <p>HR completion of draft telecommuting policy, pending final City approvals</p>	<p>Completion of scopes of work for municipal fleet chargers and retrofits</p> <p>Complete energy audits and pricing for Meadowview and 35<sup>th</sup> Avenue City facilities</p> <p>Initiation of retrofit improvements and continued evaluation of funding opportunities</p> <p>Finalization of revised City telecommuting policy</p>
<b><i>Building Electrification</i></b>		
<p>With CDD, Existing Building Electrification Strategy development in process. Cost analysis, energy modeling, and policy scan complete by consultant team. Ongoing partnership with Sacramento ACT. Electrification education event with Sacramento Area Realtors Association</p> <p>With CDD, continued support for New Building Electrification Ordinance implementation, including finalization of Infeasibility Waiver guidance and recommendation by Law and Legislation Committee to City Council</p> <p>DPW: Advance of planning and analytical tasks for EV Blueprint Phase 2 implementation</p>		<p>With CDD, launch of second phase of outreach for Existing Building Electrification Strategy</p> <p>CDD: New Building Electrification Ordinance adoption</p> <p>DPW: initiation of outreach for EV Blueprint Phase 2 work</p> <p>Engagement and education for preparation of kitchen innovation business proposal, in conjunction with the California Asian Chamber of Commerce</p>
<b><i>Active Transportation</i></b>		
<p>Public engagement and feedback on Initial Prioritization of the Transportation Priorities Plan project list</p>		<p>Transportation Priorities Plan project list for City Council adoption on 11/15</p>

2022 Quarter 3 Accomplishments		2022 Quarter 4 Upcoming Milestones
Office of Climate Action & Sustainability	Key Department Partners <sup>1</sup>	
Climate Action and Adaptation Plan		
CDD: Preparation of draft adaptation chapter for public release of draft adaptation chapter		CDD: Public release of draft Climate Action Plan adaptation chapter and response to public comments on preliminary draft stand-alone Climate Action Plan (released on 10/31)
Clean & Green Workforce Development		
With OIED, finalization of Emsi/Lightcast regional workforce report		OIED: 11/18 release of workforce Notice of Funding Availability for CaliforniansForAll youth workforce opportunities, convening of Clean & Green Workforce Pathways Working Group to review final Emsi/Lightcast report; public release of Clean & Green Workforce report
Food Access and Urban Agriculture		
	Ongoing implementation of City partnerships and grant agreements for urban agriculture and food access; submission deadline of 9/2/22 for applications to the City’s APRA food justice grant program	Award of ARPA food justice grant program
Water Conservation and Urban Greening		
	CDD and DOU: Presentation of framework for dual plumbing ordinance to the Law and Legislation Committee  DOU: Green Stormwater Infrastructure Pilot Study underway with identification of suitable areas for green infrastructure  YPCE: Susan B. Anthony field and futsal court open to community use	DPW and YPCE: Preparation of draft documents for release in late 2022/early 2023, including the Sacramento Urban Forestry Plan and Parks Plan 2040  DOU: Dual Plumbing Ordinance for action by City Council in late 2022

2022 Quarter 3 Accomplishments		2022 Quarter 4 Upcoming Milestones
Office of Climate Action & Sustainability	Key Department Partners <sup>1</sup>	
Water Conservation and Urban Greening, continued		
		DPW: Filling of vacant staff position and development of strategy for City-funded tree planting initiative (recruitment currently in process)  DOU: Hydrologic and hydraulic model updates and cost assessment for green infrastructure feasibility  YPCE: Completion of Joint Use Agreement with Twin Rivers Unified School District
Resiliency and Air Quality		
With Housing Anti-displacement Program and SMUD, application to TECH Quick Start Grants Program for \$350,000, for low-income energy efficiency and electrification home retrofits  Engagement with Strategic Growth Council to inform new Community Resilience Centers Program  Support for Sac Metro Air Quality Management District implementation of City-funded air quality monitoring project, including installation of first air quality monitors and request for proposals for street-level monitoring		Execution of grant award documents for the TECH Quick Start Grants Program, and project agreements with SMUD for implementation  Continued partnership and collaboration to identify funding opportunities  Sac Metro Air Quality Management District: distribution of additional air quality monitors, and contract for street-level monitoring



## 2022 SCHEDULE: CLIMATE ACTION MILESTONES

The City of Sacramento is accelerating rapid decarbonization. This agenda summarizes key public climate milestones and opportunities for input. Action is occurring under broad buckets of activity:

- Climate Plans & Communications (Comms; general, or multi-sector issues)
- Electrification
- Transportation
- Energy
- Water & Urban Cooling/Forestry
- Green Workforce
- Organic waste

Actions that have already occurred are included for reference. More information and links are available online at [CityOfSacramento.org/ClimateAction](https://CityOfSacramento.org/ClimateAction).

To stay up to date, sign up for email updates online: [Link to climate action & sustainability updates](#).

### Key Climate Actions in 2022 – Anticipated Schedule

*\*Dates are estimates and subject to change. Completed items are indicated in italicized text.*

*TBC: To be confirmed.*

Date & Action	Bucket	Milestone
<b><i>FEBRUARY</i></b>		
<b><i>February 8, 2022</i></b> <i>City Council workshop</i>	<i>Transportation</i>	<i>Climate &amp; Transportation Workshop</i>
<b><i>February 8, 2022</i></b> <i>City Council presentation</i>	<i>Climate Plans &amp; Comms</i>	<i>Quarterly Update: 2021 Climate Work Plan</i>
<b><i>February 28, 2022</i></b> <i>Sacramento Environmental Commission presentation</i>	<i>Climate Plans &amp; Comms</i>	<i>Update on City climate action efforts</i>
<b><i>MARCH</i></b>		
<b><i>March 3, 2022</i></b> <i>Sacramento Environmental Justice Collaborative Governance Committee</i>	<i>Electrification</i>	<i>Update on Existing Building Electrification Strategy</i>
<b><i>March 15, 2022</i></b> <i>City Council hearing, with recommendation for adoption</i>	<i>Transportation</i>	<i>Transportation Priorities Plan Criteria</i>

2022 Climate Action Schedule  
Updated November 2022

Date & Action	Bucket	Milestone
<b>APRIL</b>		
<b>April 26, 2022, 5 pm</b> <i>City Council presentation</i>	<i>Climate Plans &amp; Comms</i>	<b>Quarterly Climate Update</b> , featuring 2022 schedule & next steps
<b>April 23, 2022</b> <i>Earth Day Cleanup</i>	<i>Climate Plans &amp; Comms</i>	<i>Sacramento Cleanup Event</i>
<b>SUMMER</b>		
<b>June 8, 2022</b> <i>Electrification workshop</i>	<i>Electrification</i>	<i>Existing Building Electrification Strategy – Community Workshop #1</i>
<b>June 23, 2022</b> <i>Planning &amp; Design Commission update</i>	<i>Electrification, Water</i>	Update on climate-related projects, including electrification and on-site water reuse*  *The same report will be provided to the Law and Legislation Committee on June 21, 2022.
<b>July 1, 2022</b> <i>Public document release</i>	<i>Climate Plans &amp; Comms, Water &amp; Urban Cooling/Forestry</i>	Preliminary 30-day public review period begins for stand-alone Draft Climate Action Plan
<b>July 1, 2022</b> <i>Program launch</i>	<i>Organic Waste</i>	<i>Residential organic waste recycling begins</i>
<b>July 19, 2022</b> <i>Law and Legislation committee update</i>	<i>Water</i>	<i>Update on Onsite Water Reuse Study and preliminary Dual Plumbing Ordinance recommendations</i>
<b>August 16, 2022</b> <i>Law and Legislation committee update</i>	<i>Electrification</i>	<i>Framework for New Building Electrification Ordinance</i>
<b>August 16, 2022</b> <i>City Council workshop</i>	<i>Climate Plans &amp; Comms</i>	<i>Accelerated Climate Scenarios Workshop</i>  <b>Quarterly Climate Update</b>
<b>FALL</b>		
<b>September 20, 2022</b> <i>Law and Legislation Committee hearing</i>	<i>Electrification</i>	<i>Recommendation of the New Building Electrification Ordinance to City Council</i>  <i>Onsite water reuse update</i>

**2022 Climate Action Schedule**  
Updated November 2022

<b>Date &amp; Action</b>	<b>Bucket</b>	<b>Milestone</b>
<b>October 31, 2022</b> <i>Public document release</i>	<i>Climate Plans &amp; Comms</i>	<i>Preliminary review begins for Vulnerability Assessment and Draft Adaptation Section of the Draft Climate Action and Adaptation Plan</i>
<b>November 15, 2022</b> Law and Legislation Committee hearing	Water	Recommendation of Alternate Water Systems (Dual Plumbing) Ordinance to City Council
<b>November 15, 2022</b> Council Presentation	Transportation	Transportation Priorities Plan (TPP) Council presentation with action for approval of the TPP projects prioritized into high, mid-term, and long-term priorities
<b>Late Fall</b> Outreach begins	Climate Plans & Comms	Air quality monitoring pilot outreach for sensor distribution
<b>TBC</b> Transportation grant opportunities	Transportation	Regional call for grant applications by SACOG, for SACOG-administered funding
<b>November 29, 2022</b> City Council hearing, with recommendation for adoption	Electrification	New Building Electrification Ordinance and Infeasibility Process
<b>WINTER</b>		
<b>TBC</b> Transportation outreach	Transportation	Online engagement begins for Active Streets Plan
<b>December 6, 2022</b> City Council hearing, with recommendation for adoption	Water	Alternate Water Systems (Dual Plumbing) Ordinance
<b>December 6, 2022</b> City Council presentation	Climate Plans & Comms	<b>Quarterly Climate Update</b>

2022 Climate Action Schedule  
Updated November 2022

Date & Action	Bucket	Milestone
<b>TBC</b> Project kickoff	Transportation	Initiate update to Transportation Demand Management ordinance and program
<b>January 1, 2023</b> New Building Code Effective Date	Electrification, Water	All-electric requirements from the New Building Electrification Ordinance go into effect for new buildings that are 3 stories or less
<b>Early 2023</b> Program launch	Climate Plans & Comms	Launch of climate equity and environmental justice pilot
<b>Early 2023</b> Public document release	Climate Plans & Comms, Water & Urban Cooling/Forestry	Public review period begins: Climate Action & Adaptation Plan 2040 General Plan Urban Forest Plan
<b>Late Winter 2023</b> City Council presentation	Climate Plans & Comms	<b>Quarterly Climate Update</b> , including Clean & Green update
<b>Late Winter 2023</b> Public document release	Climate Plans & Comms, Water & Urban Cooling/Forestry	Parks Plan 2040
<b>TBC 2023</b> Electrification workshop and document release		Public workshop for Existing Building Electrification Strategy  Draft Existing Building Electrification Strategy Released – Public Comment Period
<b>Late Spring/Summer 2023</b> City Council hearing	Electrification	Final Existing Building Electrification Strategy presented to Council for adoption
<b>TBC</b> City Council workshop	Transportation, Climate Plans & Comms	Transportation and climate funding scenarios
<b>TBC</b> Outreach and policy development	Transportation	Active Streets Plan: Community Needs and Emerging Opportunities Report