

Climate Smart San José Plan Semi-Annual Update

City Council Meeting
Item 6.1
April 30, 2024

Presented by:

Kerrie Romanow, Director— Environmental Services Department
Julie Benabente, Deputy Director— Environmental Services Department
Kate Ziemba, Senior Environmental Program Manager— Energy Department
Ramses Madou, Division Manager— Department of Transportation



CLIMATE SMART SAN JOSE

A People-Centered Plan for a
Low-Carbon City



Background

- Updates
 - Core Activities
 - Community Engagement
 - Programs and Policies
- Looking Forward



San Jose's Climate Leadership

- Council approved the Climate Smart San José plan (2018) and adopted a carbon neutrality by 2030 goal (2021)
- Council adopted Pathway to Carbon Neutrality by 2030 plan (2022) identifying 4 key strategies:
 - zero-emission vehicles
 - reduce vehicle miles traveled by 20%
 - switch our appliances from fossil fuels to electric
 - carbon-neutral electricity
- Environmental Services Department staff lead, facilitate, and/or support climate mitigation initiatives across departments City-wide

Core Activities

- **Funding and Resources:** Continue to seek and acquire external resources:

	Total Received in Reporting Period (Sept. 2023 – Feb. 2024)	Total Received in FY 2023-2024 (through Feb. 2024)
Direct Funding	\$21,686,342	\$23,257,324
In-Kind Resources	\$25,000	\$25,000
Total	\$21,711,342	\$23,282,324

- **Climate Advisory Commission**
 - New commissioners approved by City Council



Community Outreach and Engagement

Highlights

- Completed Climate Smart Annual survey showing a growing awareness of climate change and Climate Smart, particularly in Spanish and Vietnamese communities.
- Worked with residents and community-based organizations (CBOs) in East San José to co-develop e-mobility programs and services for grant-funded implementation
- Completed GoGreen Teams cohort (CBOs, City Hall employees, school) resulting in 200+ climate actions

Reduction in Vehicle Miles Traveled

Highlights

- Secured \$25 million in grant funding for complete street, safety, and Better Bike implementation projects. Including:
 - Secured over \$5.7 million in grant funding to install over 17 miles of bikeways
 - Secured \$1.5 million in grant funding to expand the Bay Wheels bikeshare program into East San José
- Kicked off the Reimagining Santa Clara St. & North San José Multi-modal Transportation Improvement Plans





Zero-Emission Vehicles

Highlights

- California EV Infrastructure Project (CALeVIP) - \$14M for Level 2 and fast charge
 - 140 Level 2 and 24 Direct Current Fast Chargers are operational (from Dec. 2020 – present)
 - All projects installed by 2025
- EV Education underway
 - Ride & drive
 - Community dinner
 - Dept. of Energy learning cohort
- City Council approved EV Reach Code for New Multifamily Developments
 - Requires EV charging access in 100% of residential parking stalls

100% Carbon-neutral Power

Highlights

- Default GreenSource service: 60% renewable. On track for 100% in 2030
- Nearly 2,000 customers upgraded to TotalGreen (100% renewable)
- Since 2019 launch: invested in more than 800 megawatts of new renewable energy and reliability resources
 - Solar, wind, geothermal, battery storage

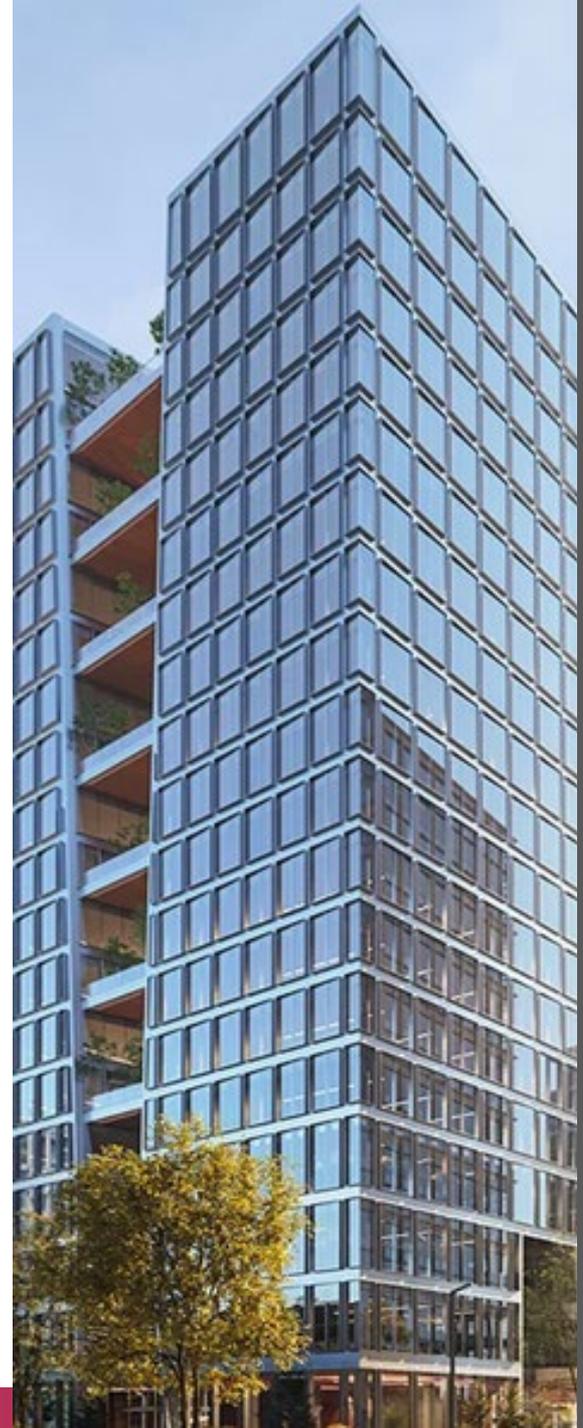


SAN JOSE 
CLEAN ENERGY
A Program of the City of San José

Building Electrification

Highlights

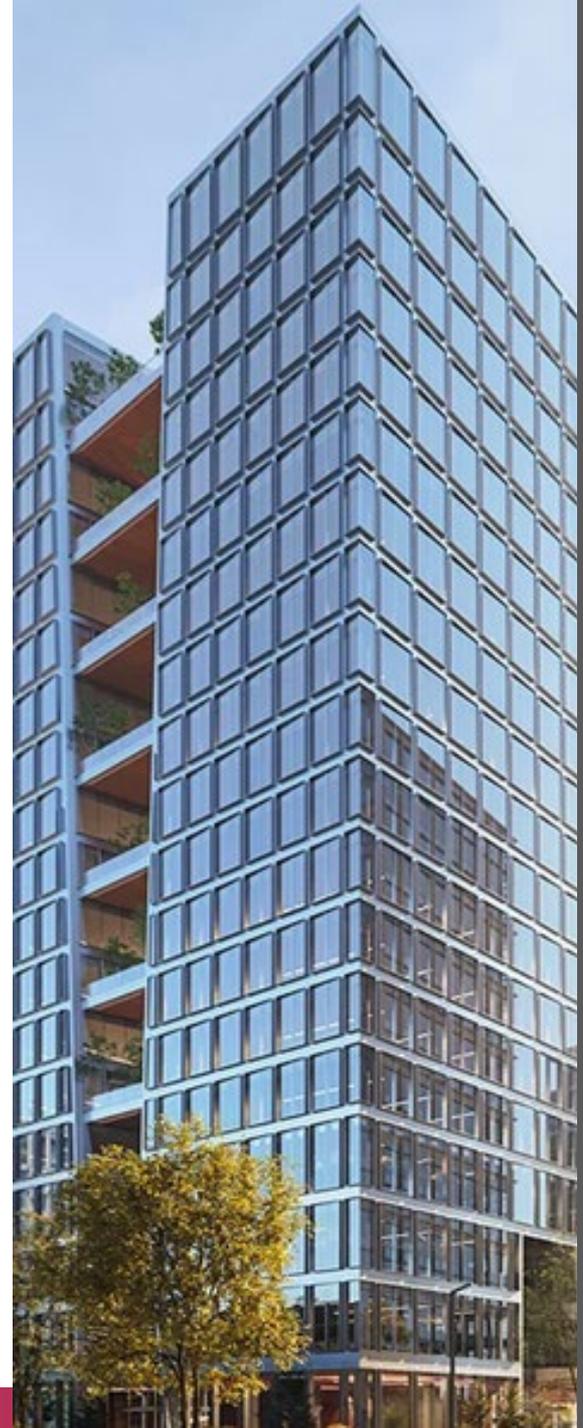
- Energy Department
 - Energy Efficiency Programs (9/2022-12/2024)
 - Residential: 140 smart plugs, 167 smart thermostats, 66 appliances
 - Commercial: 640 businesses served, 50-100 more businesses/schools in process
 - Focus on heat pump water heaters for 2024
 - Energy Equity for Renters technical assistance
 - Workforce development
 - Consultant gap analysis; interviews with labor groups



Building Electrification (cont'd)

Highlights

- Environmental Services Department
 - Targeting Electric Homes San José launch on Earth Day 2024
 - Drafted program design
 - Drafted incentive structure and associated forms
 - Focusing 50% of funds for use by Equity Communities
 - Updated the BlocMaps tool



Looking Ahead (Mar – Aug 2024)



Anticipated Initiative Milestones:

- Initiate Climate Advisory Commission meetings;
- Launch the Electric Homes San José program;
- Expand Peak Rewards, SJCE’s demand response program, to residential customers;
- Launch a telematics-based managed charging program for residential customers with EVs;
- Launch a super off-peak residential charging rate for residential customers with EVs;
- Develop a preliminary fleet electrification master plan for the City of San José;
- Launch SJCE’s online multilingual EV shopping tool;
- Select and contract with a consultant to provide Big Data to improve DOT’s Decision Support System and for other transportation analysis purposes;
- Execute grant agreement for building electrification projects in Zero Emissions Neighborhood pilot area; and
- Finalize the new Climate Smart Zero Waste Element.

Anticipated City Council Items:

- SJCE Programs Roadmap (April 2024);
- Climate Smart Plan Administrative Update (summer 2024);
- Climate Smart Zero Waste Element (fall 2024); and
- Overstay fee to increase utilization of the City’s downtown EV chargers (spring 2025).



www.ClimateSmartSJ.org

Kerrie Romanow, Director— ESD
Julie Benabente, Deputy Director— ESD
Kate Ziemba, Senior Environmental Program Manager— ED
Ramses Madou, Division Manager— DOT