# Climate Smart San José Plan Semi-Annual Update

City Council Meeting October 29, 2024

#### Presented by:

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# CLIMATE SMART SAN JOSE

A People-Centered Plan for a Low-Carbon City



- Background
- Updates
  - Core Activities
  - CommunityEngagement
  - Programs and Policies
- Looking Forward



# San Jose's Climate Leadership

- City Council approved the Climate Smart San José plan (2018) and adopted a carbon neutrality by 2030 goal (2021)
- City Council declared a Climate Emergency (2019)
- City Council adopted a carbon neutrality goal by 2030 (2021) and associated 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

## **Core Activities**

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

	Total Received in Reporting Period	Total Received in FY 2024-2025
	(Mar. – Aug. 2024)	(through Aug. 2024)
<b>Total Direct</b>		
Funding	\$6,375,000	\$1,175,000

#### Additional Activities

- Held inaugural Climate Advisory Commission meeting
- Shifted Climate Smart position in Environmental Services to the Energy Department
  - Aligning with funding and topic coverage by the Energy Department
  - Per City Council direction will continue to support Climate Smart priorities



# Community Outreach and Engagement

- Implementing Climate Art Program (Office of Cultural Affairs):
  - Hired a Culture Strategist and started the Carbon Neutral Creative Network
  - Recruited fifteen San José artists
- Sponsored EV Ride and Drive Event (Energy Department)
- Launched EV Shopping Tool (Energy Department)
- Hosted five building electrification webinars (Environmental Services)
  - Held two in Spanish and Vietnamese with viewing parties

# Reduction in Vehicle Miles Traveled



- Secured \$5.2 for the East San José
   Equity Mobility Project with SOMOS
   Mayfair
- Secured \$1 million to expand bikeshare along the King/Story corridor
- Planning to add 37 new bikeshare stations and 575 new e-bikes
- Co-developed two micro-mobility hub design concepts for East San Fernando Street
- Launched the North San José Multimodal Transportation Improvement Plan for key transit, bike and pedestrian upgrades



# **Zero-Emission Vehicles**

- California EV Infrastructure Project (CALeVIP)
  - 140 Level 2 and 29 Direct Current Fast Chargers are operational (from Dec. 2020 – present)
  - All projects installed by 2025
- EV Education and Outreach
  - Ride and drive
  - EV shopping tool
  - Transportation needs assessment

# 100% Carbon-neutral Power

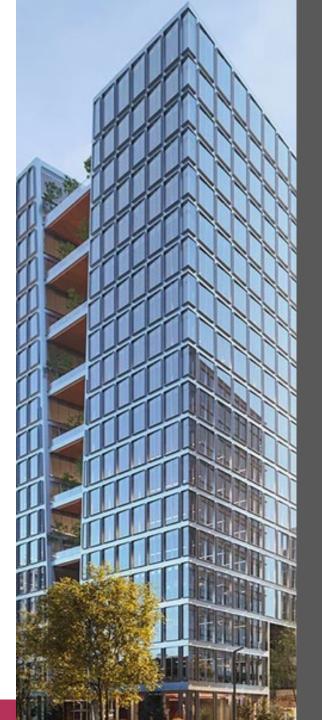
- Default GreenSource service: 60% renewable
- ~1,700 customers upgraded to TotalGreen (100% renewable)
- Contracted for 850+ megawatts of new renewable energy and reliability resources
- **Programs** 
  - Peak Rewards (demand response)
    - Expanded to residential customers
  - Residential super off-peak rate pilot
    - Launched to ~1,800 customers





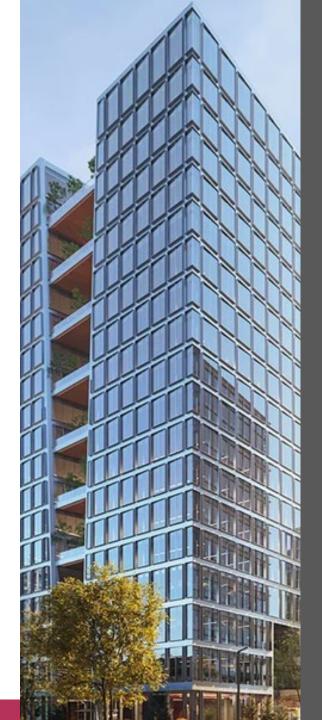
# **Building Electrification**

- Energy Department
  - Energy Efficiency Programs
    - Residential (income-qualified)
      - 230 appliances
      - 140 smart plugs
      - 312 smart thermostats
      - 172 showerheads
      - 290 portable induction cooktops
    - Commercial: 775 businesses served
  - Workforce development
  - Heat pump incentive program and on-bill financing pilot
    - Selected Sacramento Municipal Utility District to implement heat pump program



# Building Electrification (cont'd)

- Environmental Services Department
  - Launched Electric Homes San José on April 22, 2024, Earth Day
    - 50% of funds designated for equity communities
    - Fully reserved funding as of May 2024
  - Implementing second year of Beyond Benchmarking requirements
    - Close out compliance in November 2024
    - 15 municipal buildings out of compliance
      - Public Works intends to continue to submit budget requests to cover compliance activities



# Looking Ahead (Sept. 2024 – Feb. 2025)



#### **Anticipated Initiative Milestones:**

- Develop a fleet electrification master plan for the City of San José;
- Host the Climate Art Symposium October 11 and 12, 2024 at the San José Museum of Art and the Environmental Innovation Center;
- Launch a heat pump incentive program and on-bill financing pilot for SJCE residential customers;
- Launch a telematics-based managed charging program for SJCE residential customers with EVs;
- Execute consultant agreement for development of a transportation decision support system;
- Launch a Curb Management Pilot in Downtown San José
- Finalize the new Climate Smart Zero Waste Element; and
- Launch inaugural Climate Smart e-newsletter.

#### **Anticipated City Council Items:**

- Climate Smart Plan Administrative Update (Winter 2025) and
- SJCE Workforce Development Programs (Winter 2025).



www.ClimateSmartSJ.org

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