

Lori Mitchell, Director Joe Flores, Deputy Director Willie Calvin, Power Resources Specialist



RECOMMENDATION & AGENDA

- Recommendation: accept status update on SJCE's Programs Roadmap
- Agenda
 - Background
 - Customer programs
 - Existing programs status
 - Near-term recommendation
 - Future
 - Upcoming roadmap milestones







PROGRAMS ROADMAP BACKGROUND

FINANCIAL RESILIENCY TO MANAGE ELECTRICITY MARKETS

- Important to leverage external funding until SJCE builds operating reserves
 - Deloitte: 180 days of operating expenses
 - Resiliency to cushion against volatility in power markets, PCIA uncertainty, and regulatory changes

 SJCE goal: On track for 180 days of operating reserves by Fiscal Year 2024-25





PROGRAMS ROADMAP DEVELOPMENT

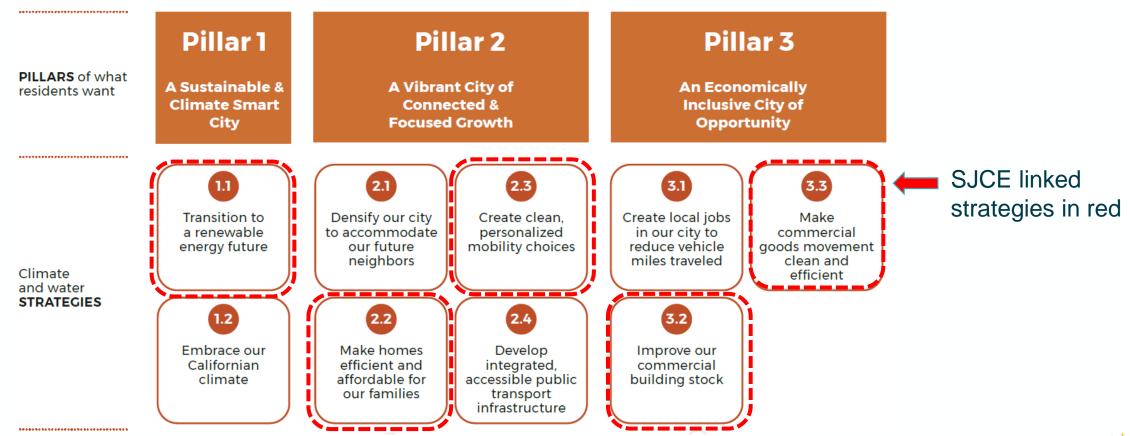
May 2019 March 2020 October 2020 March 2021

T&E status update



SJCE PROGRAMS ALIGNED WITH CLIMATE SMART

A Framework for Action: Nine Strategies in Three Pillars





PROGRAM AREAS

Vehicle Electrification Building Electrification Distributed Energy Resources

Energy Efficiency

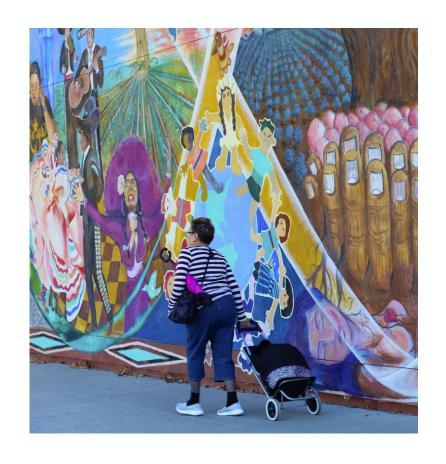
Rates

Resiliency



PROGRAM GUIDING PRINCIPLES

- 1. Maximize greenhouse gas reduction opportunities
- 2. Align with Climate Smart San José
- 3. Promote equity, affordability and support disadvantaged communities
- 4. Produce community benefits
- Maintain or improve the financial stability of SJCE







CUSTOMER PROGRAMS

EXISTING PROGRAMS STATUS

Energy Efficiency

> CPUC Apply to Administer EE

Distributed Energy Resources

> DAC-Green Tariff

Vehicle Electrification

CALeVIP

Programspecific Rates

SJ Cares

CPUC Funded

CEC/SJCE Funded



ENERGY EFFICIENCY PROGRAMS

April 2021: SJCE submits elect-toadminister (ETA) application June 2021: City Council approves \$500k American Rescue Plan (ARP) funds to expand Residential Program

September 2021: CPUC approves \$5.1M in funding for ETA application October 2021: City Council approves firstyear funding allocation of \$1.7M

March 2022:
Program
Implementer
Agreement
executed

Program	Commercial Program	Single-family Residential Program
Funding Amount	\$4.3M	\$750k CPUC + \$500k ARP = \$1.25M
Description	Provide small/med businesses and schools with technical assistance and discounts for heating, ventilation, and air conditioning (HVAC) upgrades and equipment	Provide discounts to middle-income and residents in Disadvantaged Communities (DACs) for energy efficient appliances
Goal for Projects Completed	300 businesses; 9 schools	1,058 single-family homes



DISADVANTAGED COMMUNITY GREEN TARIFF (DAC-GT) PROGRAM

- Branded as Solar Access Program, provides low-income customers in DACs 20% bill discount on 100% renewable energy (no solar installation)
- Submitted implementation advice letter to CPUC in Dec 2020, CPUC approved SJCE's program in Apr 2021 with program capacity of 1.7MW
- Program began enrolling customers in Nov 2021
- SJCE staff worked with local community-based organizations (CBOs) to ensure Spanish and Vietnamese-speaking residents had access to program



More than 700 Applicants



Over 40% of applicants speak Vietnamese or Spanish



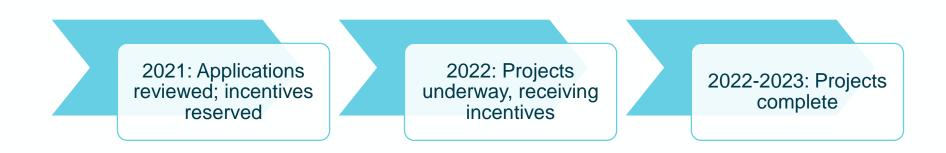
More than 600 residents enrolled



Staff working to fill ~200 more spots SAN JOSE

CALIFORNIA ELECTRIC VEHICLE INFRASTRUCTURE PROJECT (CALEVIP)

- Funded by California Energy Commission (CEC) and SJCE, implemented by Center for Sustainable Energy
- Provides rebates for publicly available and shared charging stations installing Level 2 and Direct Current Fast Chargers
- As of Mar 2022, program implementer announced additional \$2.4M incentives for Level 2 chargers





SJ CARES DISCOUNT

- Program established by Council in May 2021
- SJCE CARE/FERA customers receive higher renewable energy at lowest rates
- March 1, 2022: 5% rate discount
 - Lowest rates in San José





NEAR-TERM PROGRAM RECOMMENDATIONS

Building Electrification

Heat Pumps

Clearinghouse of electrification resources

Programspecific Rates

Community TotalGreen

Vehicle Electrification

Fast charging hub pilot

Charging infrastructure

Resiliency & Distributed Energy Resources

Local generation resources

Solar + storage at critical facilities

Demand response



FUTURE CUSTOMER PROGRAM RECOMMENDATIONS

Residential Home Electrification

Electric cooking

Heat pump water heater and space heating workshops

Multifamily and low-income electrification support

Passenger Vehicle Electrification

EV & fleet demand response

EV purchase and rebate clearinghouse

Low-income electric mobility support

Resiliency & Distributed Energy Resources

Commercial, industrial & residential energy storage

Vehicle to grid integration





NEXT STEPS

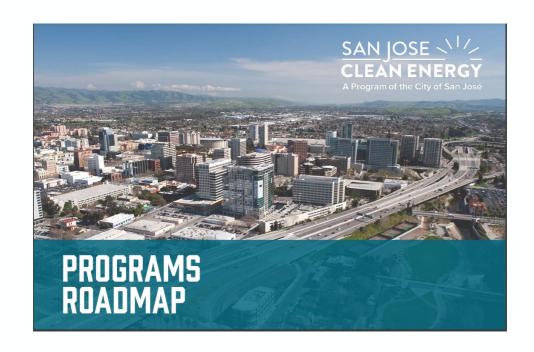
UPCOMING ROADMAP MILESTONES

 Annual Programs Roadmap Update to CECAC and Transportation & Environment Committee

Next: 2023

 Formal Revisions with City Council every 5 years

• Next: 2026





QUESTIONS?

 Recommendation: Accept status update on SJCE's Programs Roadmap



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