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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 and sustains 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



CECAC PROGRAM UPDATES THUS FAR

March 2019

April 2019

November 2019

Dec 2019 – Jan 2020

Defined City
Strategies and
Benchmarked CCA,
Regional, State
Programs

Outlined ProgramAreasDefined ProgramGuiding Principles

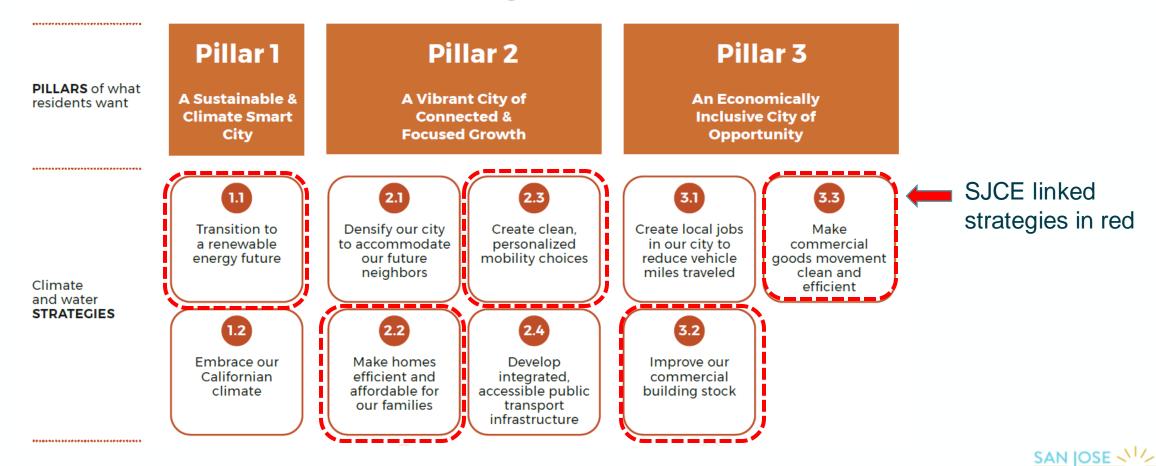
Program Roadmap
Iteration 1

Defining Selection Framework, Shortlisting Programs



SJCE PROGRAMS ALIGNED WITH CLIMATESMART

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
- 5. 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 with
Franklin Energy

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 SANJOSE CLEAN ENER

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





NEAR-TERM PROGRAM RECOMMENDATIONS

Building Electrification

Program-specific Rates

Vehicle Electrification Resiliency & Distributed Energy Resources

Heat Pumps

Community TotalGreen Fast charging hub pilot

Charging infrastructure

Local generation resources

Solar + storage at critical facilities

Demand response RGY

Clearinghouse of electrification resources

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

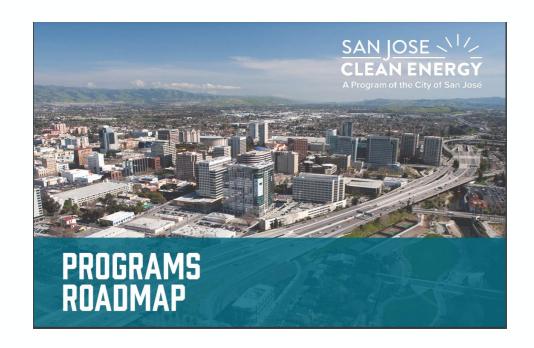
UPCOMING ROADMAP MILESTONES

 Annual Programs Roadmap Update to CECAC and Transportation & Environment Committee

• Next: 2023

 Formal Revisions with City Council every 5 years

• Next: 2026







QUESTIONS, DISCUSSION, COMMISSION RECOMMENDATION

THANK YOU!