


(D) 1. PROGRAMS ROADMAP STATUS REPORT

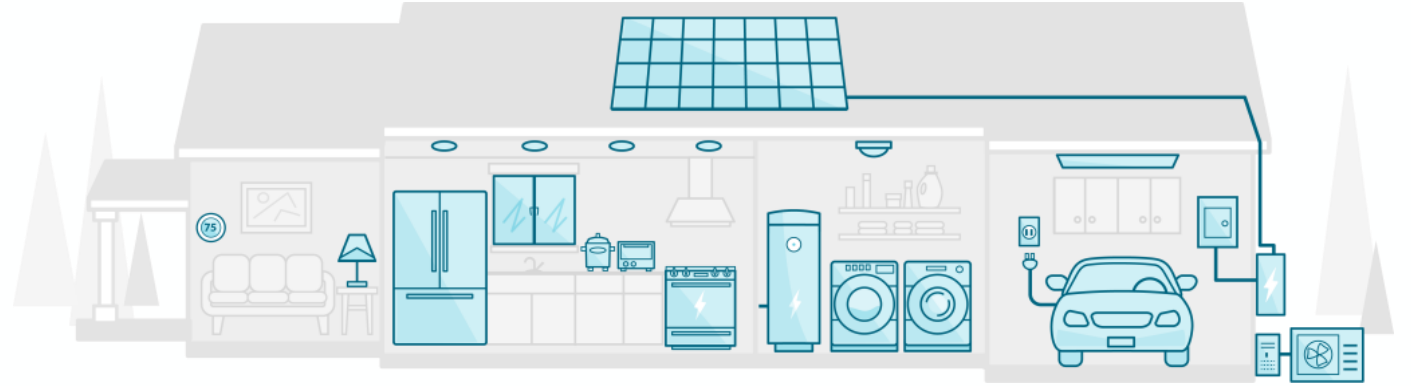
Transportation & Environment Committee
March 3, 2025

Zach Struyk, Acting Director
Kate Ziemba, Senior Environmental Program Manager
Josh Chanin, Senior Decarbonization Programs Specialist, Transportation Electrification

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

AGENDA

- Background
- Overview of current programs
- Program scoring and community input
- Fiscal Year 2025-2026 program recommendations



PROGRAMS HISTORY & AREAS

- 2019-2021: stakeholder engagement to develop programs roadmap
- 2021: adoption by City Council
- Program areas correspond with the City's Pathway to Carbon Neutrality (2022)

Vehicle
Electrification

Building
Electrification

Distributed
Energy
Resources

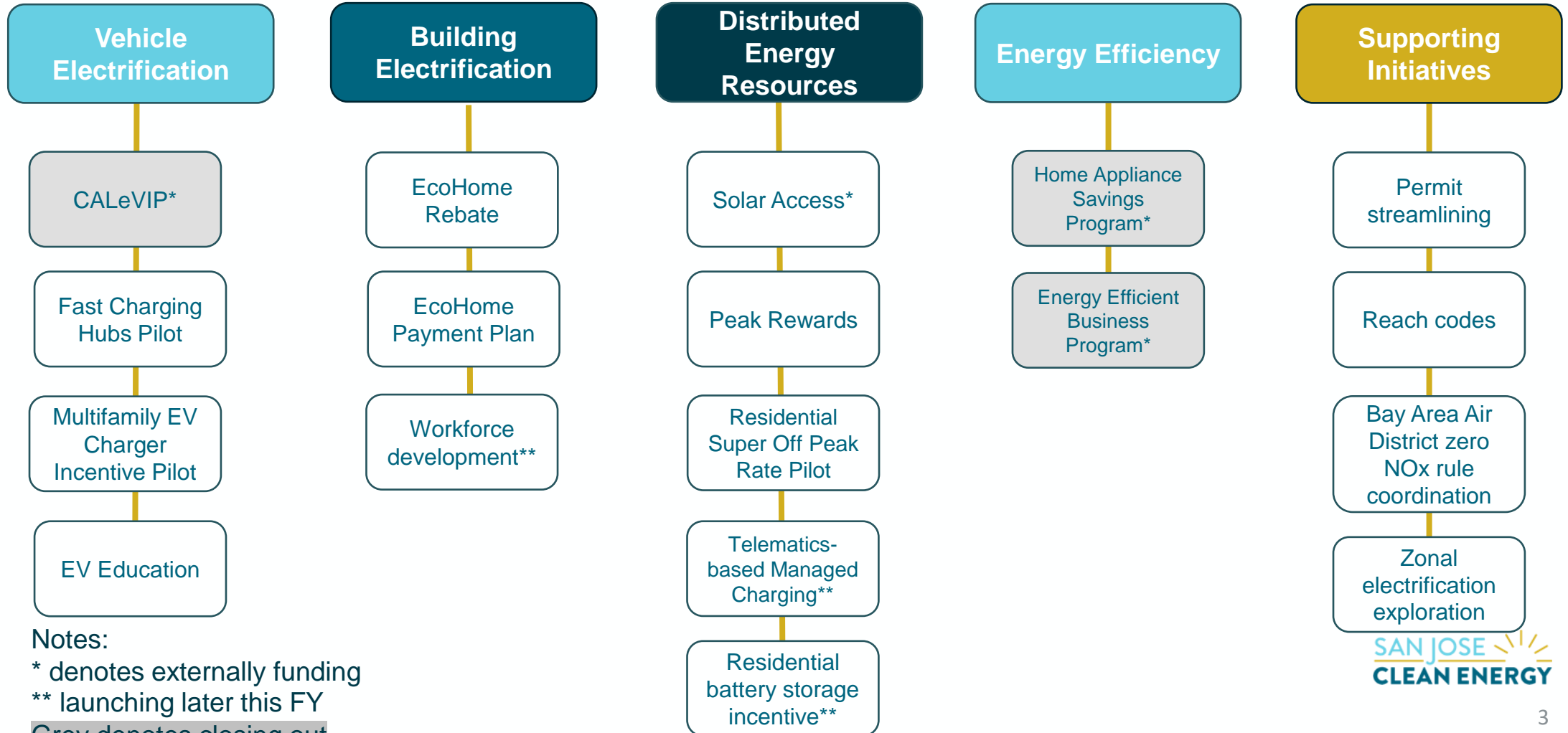
Energy
Efficiency

Program-
Specific Rates

Resiliency

CURRENT PROGRAMS & INITIATIVES

FY 24-25 Cost:
\$12M



Notes:

* denotes externally funding

** launching later this FY

Grey denotes closing out

IMPACT OF CURRENT PROGRAMS

| Program | Installations/ customers served to date |
|--|---|
| California Electric Vehicle Infrastructure Project (CALeVIP) | 32 direct current fast chargers, 197 Level 2 chargers |
| Solar Access | 830 participants |
| Home Appliance Savings Program | 281 appliances installed, 140 smart power strips, 352 smart thermostats, 213 showerheads, 351 induction hotplates |
| Energy Efficient Business Program | 778 businesses served |
| Peak Rewards | 210 participants |

Through 2024



35,000,000 kilowatt-hours saved (same as the annual usage of 7,200 homes)



19,300 metric tons of CO₂ avoided



\$14.5M lifetime customer savings

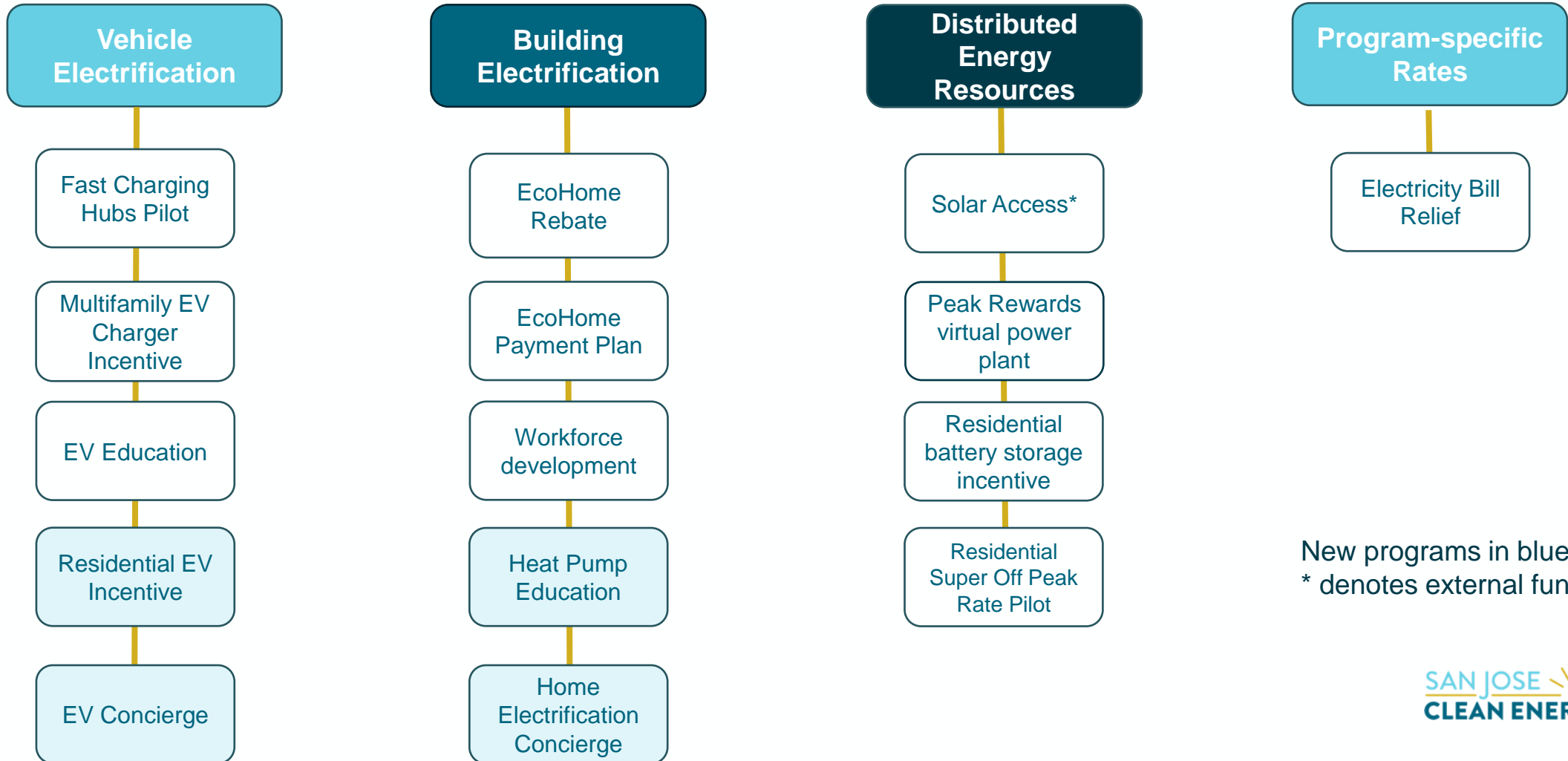
PROGRAM INPUT & SCORING

- Staff receives input from the Climate Advisory Commission and has a staff dedicated to community engagement and listening to community needs
- Staff utilizes a scoring framework to help prioritize programs
- Weighted metrics tied to Council-approved guiding principles (highest to lowest):
 - Greenhouse gas emissions reductions,
 - Prioritizing electrification in communities where incentives will have the most impact,
 - Customer savings,
 - Peak demand reductions, and
 - Fiscal impact for SJCE



FY 25-26 PROGRAM RECOMMENDATIONS

Cost: \$14M



PROJECTED ANNUAL IMPACT OF RECOMMENDED PROGRAMS



65,000 metric tons of CO₂
avoided
(1.3% of total communitywide
emissions in 2021)



\$37 million in customer
savings

VEHICLE ELECTRIFICATION

| Program | Description and status |
|----------------------------------|--|
| Fast Charging Hubs Pilot | Install 4-7 Direct Current Fast Charging hubs at libraries and community centers in environmental justice communities. |
| Multifamily EV Charger Incentive | Rebates for Level 1 outlets and Level 2 chargers for multi-family properties. |
| EV Education | Funding for community-based organizations to hold educational events about EVs and charging including test drive events and workshops. |
| Residential EV Incentive (NEW) | Point-of-sale incentive for qualified customers to purchase or lease an EV at qualifying dealerships. |
| EV Concierge (NEW) | Phone/email concierge service for customer questions about EVs, incentives, charging, and technical assistance needs. |



BUILDING ELECTRIFICATION

| Program | Description and status |
|--------------------------------------|---|
| EcoHome Rebate | Rebates for heat pump water heaters, heat pump HVAC systems, attic insulation, panel upgrades, circuit pausers/splitters, and wiring. |
| EcoHome Payment Plan | Zero-interest payment plans for heat pump installation costs with on-bill repayment for terms of 2, 3, or 5 years. |
| Workforce development | Several programs to support the building electrification workforce will be heard by City Council separately. |
| Heat Pump Education (NEW) | Funding for workshops, community-based organizations, weatherization kits, and contractor trainings to improve community awareness of heat pumps. |
| Home Electrification Concierge (NEW) | Phone/email concierge service for home electrification questions. |



DISTRIBUTED ENERGY RESOURCES

| Program | Description and status |
|---------------------------------------|---|
| Solar Access | Offers 20% bill discount and 100% solar energy to 830 qualifying customers. |
| Peak Rewards Virtual Power Plant | Customers can get paid to reduce usage during high electricity prices or grid emergencies. Will expand to include automated adjustments of smart thermostats, EV chargers, EVs, battery storage, and heat pump water heaters. |
| Residential Battery Storage Incentive | Incentive for residential customers, including those with solar, to install a battery and enroll it in Peak Rewards. |
| Residential Super Off Peak Rate Pilot | New E-ELEC-SJ rate plan for residential customers with an EV, battery storage, solar, or heat pump with lowest rates from 9 a.m. to 2 p.m. daily. |



PROGRAM-SPECIFIC RATES

| Program | Description and status |
|-------------------------|--|
| Electricity Bill Relief | Bill credits for customers seeking assistance through the County's Homelessness Prevention Program. Sacred Heart is a key partner. |

QUESTIONS?

- Recommendation: Accept this update on SJCE's Programs Roadmap and recommend this item for full Council consideration at the April 8, 2025, City Council meeting.
- Staff
 - Zach Struyk, Acting Director
 - Kate Ziemba, Senior Environmental Program Manager
 - Josh Chanin, Senior Decarbonization Programs Specialist, Transportation Electrification