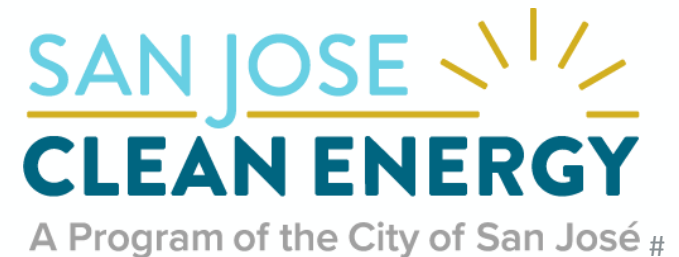


(D) 1. PROGRAMS ROADMAP STATUS REPORT

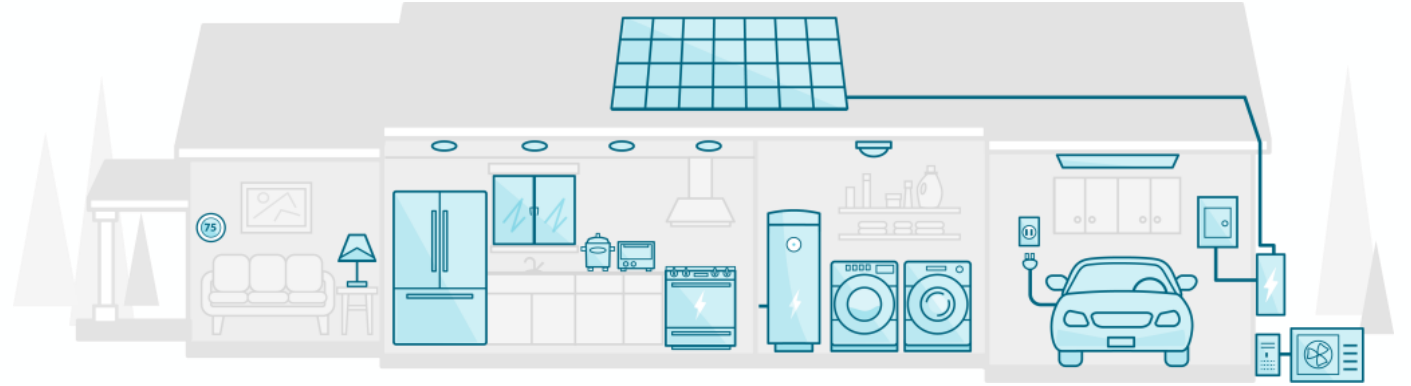
Transportation & Environment Committee
March 3, 2025

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



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

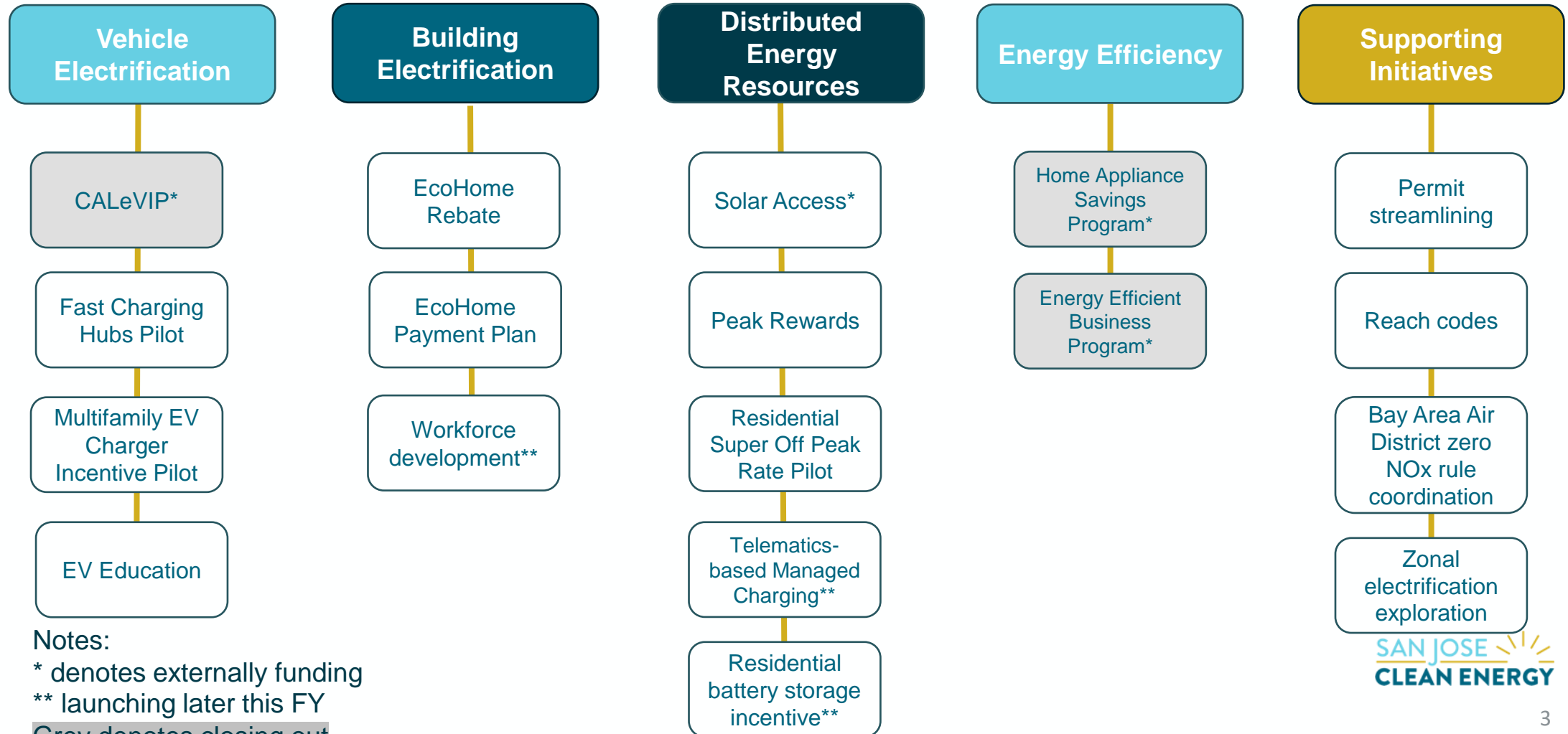
Energy
Efficiency

Program-
Specific Rates

Resiliency

CURRENT PROGRAMS & INITIATIVES

FY 24-25 Cost:
\$12M



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

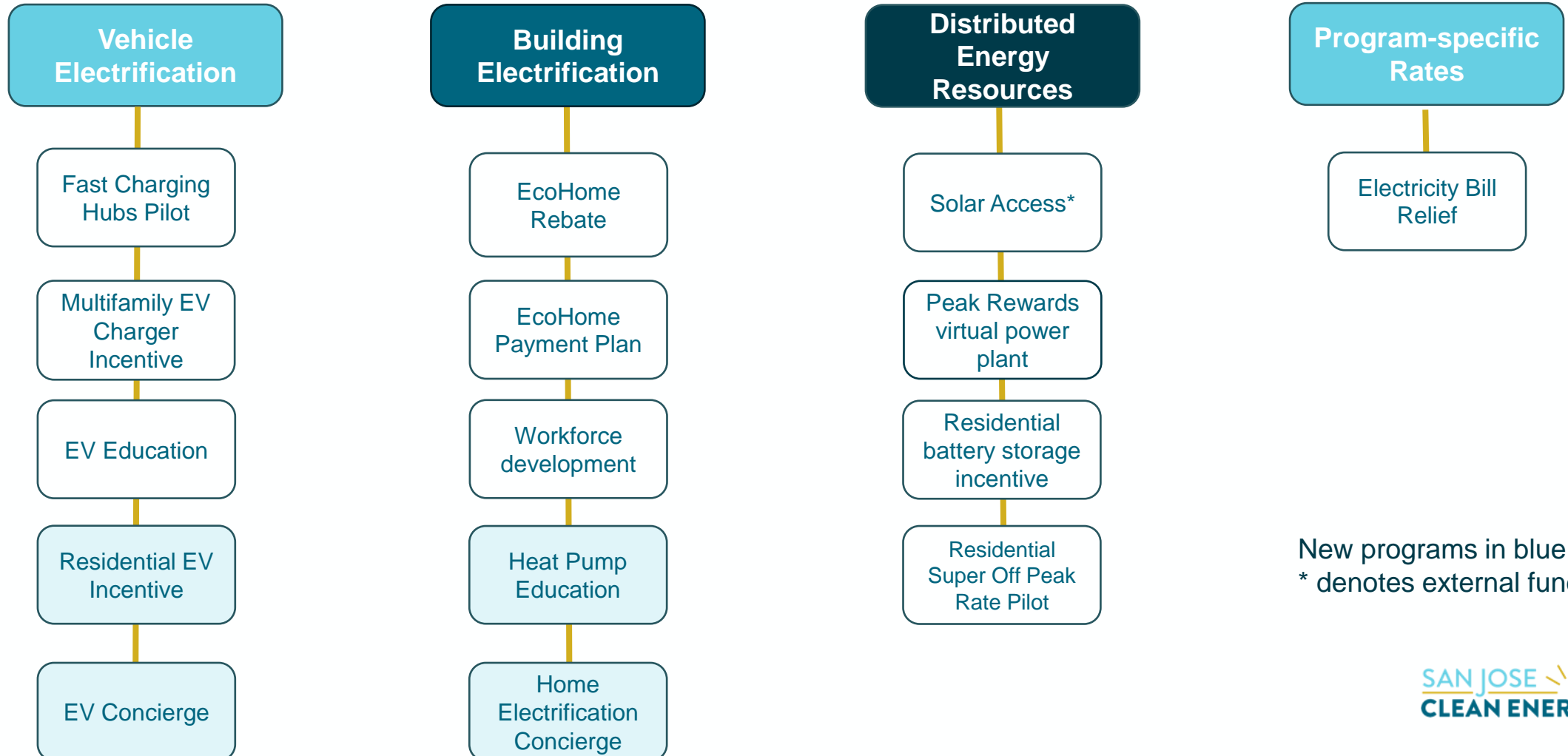
PROGRAM INPUT & SCORING

- 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