

CALEVIP PROGRAM UPDATE

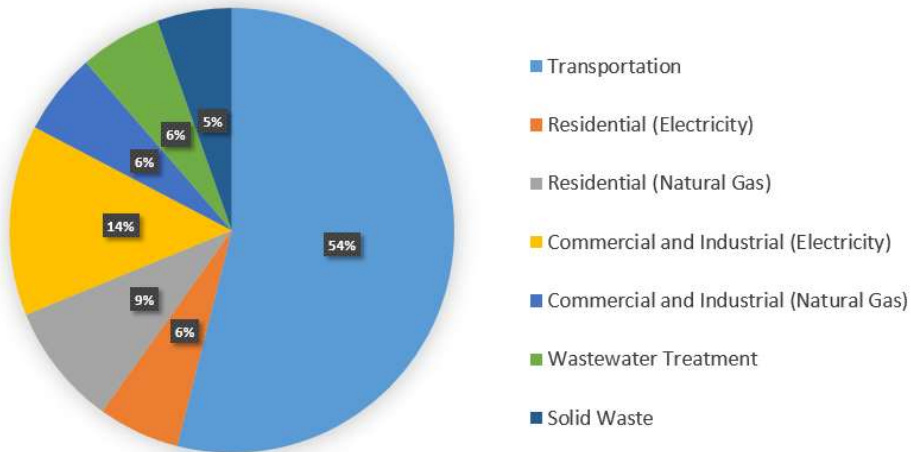
9/5/19

SJCE PROGRAM GUIDING PRINCIPLES

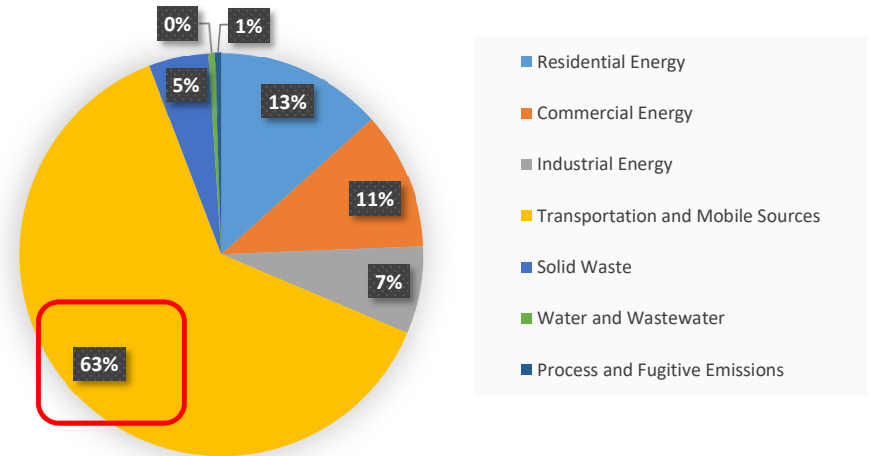
- Maximize greenhouse gas reduction opportunities
- Align with Climate Smart San José
- Promote equity, affordability and support disadvantaged communities
- Produce customer and community benefits
- Maintain or improve the financial stability of SJCE

SAN JOSE EMISSION SOURCES

San José GHG Emissions (2014)



San Jose 2017 Emissions Inventory



CLIMATE SMART SAN JOSE GOALS

Low-Carbon Growth Milestones



INDICATORS	CARBON REDUCTIONS	ELECTRIC VEHICLES
METRICS	Emissions reduction from this strategy	Percentage of passenger vehicles (including SUVs) that are electric
PROGRESS MILESTONES	Thousands of tons of carbon reduced per year	Percentage of passenger vehicles that are electric
TODAY	-	0% 3%
2030	630	61%
2040	1,142	78%
2050	1,319	82%

CALEVIP INTRODUCTION

- CALeVIP = California Electric Vehicle Infrastructure Project
- EV charger incentive project to meet regional needs for Level 2 and Direct Current Fast Chargers
- Co-funded by the California Energy Commission (CEC)
 - CEC Funding from *Alternative and Renewable Fuel and Vehicle Technology Program*
- Implemented by Center for Sustainable Energy (CSE)
- CALeVIP has funded around \$50 million in regional projects in Fresno County, LA and Orange County, and Sacramento County

CALEVIP PENINSULA-SILICON VALLEY BACKGROUND

- Regional Partners
 - Peninsula Clean Energy (PCE)
 - Silicon Valley Clean Energy (SVCE)
 - San Jose Clean Energy (SJCE)
 - Silicon Valley Power- City of Santa Clara (SVP)
 - City of Palo Alto Utilities
- CEC only funds projects at a County Level
- Eligible Sites
 - Level 2
 - Schools, hospital, workplaces, Multi-family dwellings
 - *Not available* to single family homes
 - DCFC
 - Shopping centers, gas stations, hotels, airports, libraries, etc.
 - Must be public and open 24/7
- Eligible Applicants
 - Private Companies
 - Not required to be site owner or host
 - Public Agencies

CALEVIP PENINSULA-SILICON VALLEY FUNDING

Peninsula-Silicon Valley
Incentive Project
May 2020



Proposed Funding

County	Region	DCFC Funding	Level 2 Funding	Total Funding (2-4 years)*	At least 25% in DAC / Low Income
San Mateo	Entire County	\$12M	\$12M*	\$24M*	No
Santa Clara	SVCE**	\$6M	\$6M*	\$12M*	No
Santa Clara	City of San Jose	\$7M	\$7M*	\$14M*	Yes
Santa Clara	City of Santa Clara	\$4M	\$4M*	\$8M*	Yes
Santa Clara	City of Palo Alto	\$1M	\$1M*	\$2M*	No
Total:		\$30M	\$30M*	\$60M*	

*Funding includes pending partnership pledges, subject to Board or Council consideration and approval, which would be added on a fiscal year basis. Funding from pending CCA partnerships (PCE, SVCE, SJCE) will only be available to their customers (Opt-ins)

**Campbell, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Milpitas, Monte Sereno, Morgan Hill, Mountain View, Saratoga, Sunnyvale, Unincorporated Santa Clara County

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- San Jose
 - CEC invests \$10 million
 - SJCE invests \$4 million
- San Jose includes requirement for 25% to DAC/Low Income

DAC = CalEnviroScreen 3.0 score of 75% or higher
Low Income = Census tracts at or below 80% of statewide median income



PROPOSED INCENTIVE LEVEL

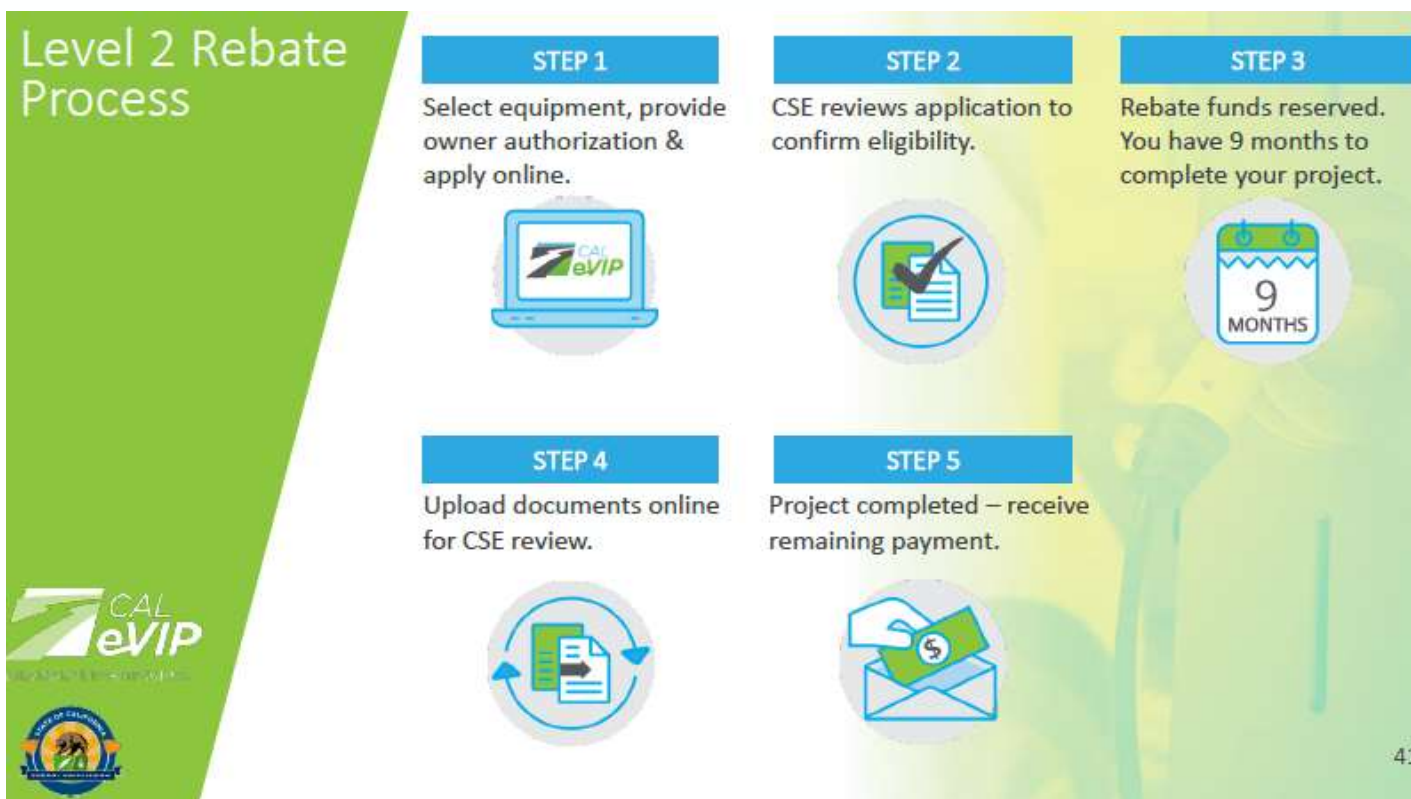
Proposed Level 2 Incentive Design

Incentive Project	Rebate Per Connector	Rebate Adders Per EV Charging Connector		
		MUD	DAC	Low Income
San Jose Clean Energy	\$5,000	\$1,000	\$500	\$500

Proposed DCFC Incentive Design

DCFC Type	Non-Disadvantaged Community/Low Income Rebate	Disadvantaged Community/Low Income Rebate
50 kW+	Up to \$50,000 or 75% of the total project cost, whichever is less	Up to \$60,000 or 80% of the total project cost, whichever is less
100 kW+	Up to \$70,000 or 75% of the total project cost, whichever is less	Up to \$80,000 or 80% of the total project cost, whichever is less

CALEVIP PROCESS FLOW – LEVEL 2



CALEVIP PROCESS FLOW- DCFC



CALEVIP TIMING

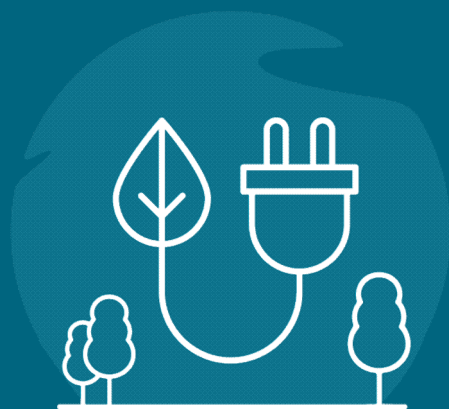
- February 2019: Peninsula-Silicon Valley partners submitted non-binding LOI to CEC
- July 2019: CEC notified partners of award
- August 13th 2019: CEC held public workshop, announced program publicly
- September 6th 2019: Public Comments due to CEC
- October 8th 2019: SJCE presents to City Council
- February/March 2020: Program webinar
- May 2020: Program Launch

CALEVIP ADVANTAGES

- Aligns with SJCE Program Guiding Principles
- One time opportunity for San Jose to receive \$10 million in State funding for \$4 million from SJCE
- Experienced program administration structure in CSE
- Program aligned with Department of Transportation's Electric Mobility Strategy

SJCE STAFF RECOMMENDATIONS TO COUNCIL

1. Approve SJCE to enter into an agreement with CSE to manage and administer SJCE funds for CALeVIP
2. Approve SJCE distributing funds to an account managed by CSE, which includes CSE service fees, with the following timeline:
 - FY19-20: \$85,290
 - FY20-21: \$914,710
 - FY21-22: \$3 million



QUESTIONS?