



SJCE PROGRAMS ROADMAP

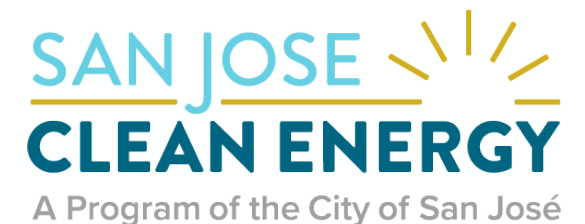
October 5, 2020

Staff Presenting:

Lori Mitchell, Director

Zach Struyk, Deputy Director Account Management and Marketing

Kevin Meehan, FUSE Executive Advisor and Programs Lead



SJCE STATUS UPDATE

- Shortly after last presentation to T&E Committee in March, SJCE moved to working remotely
- Our work has had to adjust, but made significant progress on:
 - Continuing Operations
 - (new power supply & renewable contracts, customer service, IRP etc.)
 - PCIA advocacy & regulatory compliance
 - Programs Roadmap Stakeholder Workshop
 - Introduced resiliency programs
 - Promoting and educating community on EV's




PCIA UPDATE

PCIA DEFINITION

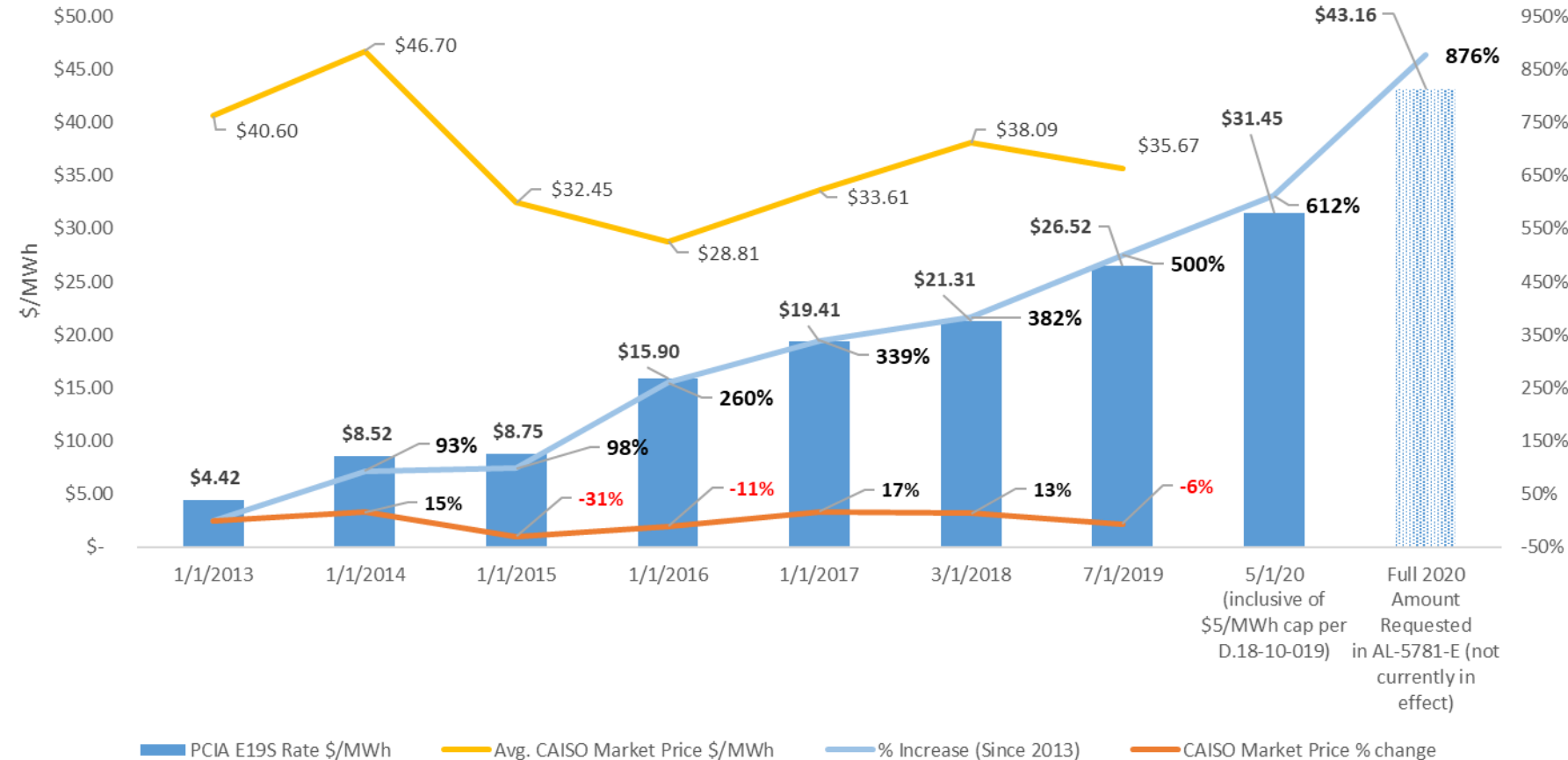
- Utility fees charged to CCA customers monthly to compensate PG&E for the above market portion of energy resources as more of its customer base leaves to receive service from a CCA or other electricity provider
- PCIA is projected to double since 2018

	Annual Average Customer Cost of PCIA		
	Residential	Small businesses	Large businesses
2018	\$105	\$405	\$65,850
2019	\$135	\$505	\$81,950
May 2020	\$160	\$600	\$97,200
2021 projection	\$220	\$825	\$133,375

 ENERGY STATEMENT www.pge.com/MyEnergy			
Details of PG&E Electric Delivery Charges			
03/02/2019 - 03/31/2019 (30 billing days)			
Service For: 1234 MAIN STREET			
Service Agreement ID: 5678910123			
Rate Schedule: E1 X Residential Service			
03/02/2019 - 03/31/2019	Your Tier Usage	1	2
Tier 1 Allowance	501.00000 kWh (30 days x 16.7 kWh/day)		
Tier 1 Usage	501.00000 kWh @ \$0.21536		\$107.90
Tier 2 Usage	105.00000 kWh @ \$0.28478		\$29.90
Generation Credit			-65.33
Power Charge Indifference Adjustment			19.97
Franchise Fee Surcharge			0.29
Utility Users' Tax			1.75
Total PG&E Electric Delivery Charges			\$94.48
2019 Vintaged Power Charge Indifference Adjustment			

PG&E PCIA GROWTH UNCORRELATED WITH MARKET PRICING

PG&E PCIA Growth Rate - 2013-2020



- >600% increase in 7 years
- Energy markets have been relatively stable over the same period (~15% change)
- Market value of the excess resources has been relatively stable over this same period

SJCE PCIA REVENUE IMPACTS

Impacts on 2021 SJCE revenue relative to CY 2020 (PCIA = \$33/MWh)

Projected 2021 PCIA (\$/MWh)	Potential 2021 SJCE revenue reduction	Note
38	\$20M	2020 + \$5/MWh cap
47	\$56M	SJCE forecast
56	\$92M	SJCE forecast + full 2020 under- collection due to cap repaid in 2021

CCA APPROACHES TO PCIA INCREASE

1. Set rates higher than PG&E
2. Use reserves
3. Benchmark on renewable instead of carbon-free content
4. Lower renewable and carbon content

SJCE will recommend using options 2-4 in 2021

SJCE doesn't recommend option 1 at this time due to COVID impacts, but will recommend reducing discount (0-1%)





PROGRAMS ROADMAP COMMUNITY OUTREACH

RMI-WRI PROGRAMS ROADMAP WORKSHOP

- Led by Rocky Mountain Institute, World Resources Institute through ACCC resources
- July 2020, 2-part virtual workshop with around 20 participants
- Agenda included
 - Energy Trends Brainstorm
 - Equity Metrics Review
 - Feedback on Program Ideas
 - Program Prioritization Exercise



WORKSHOP PARTICIPANTS



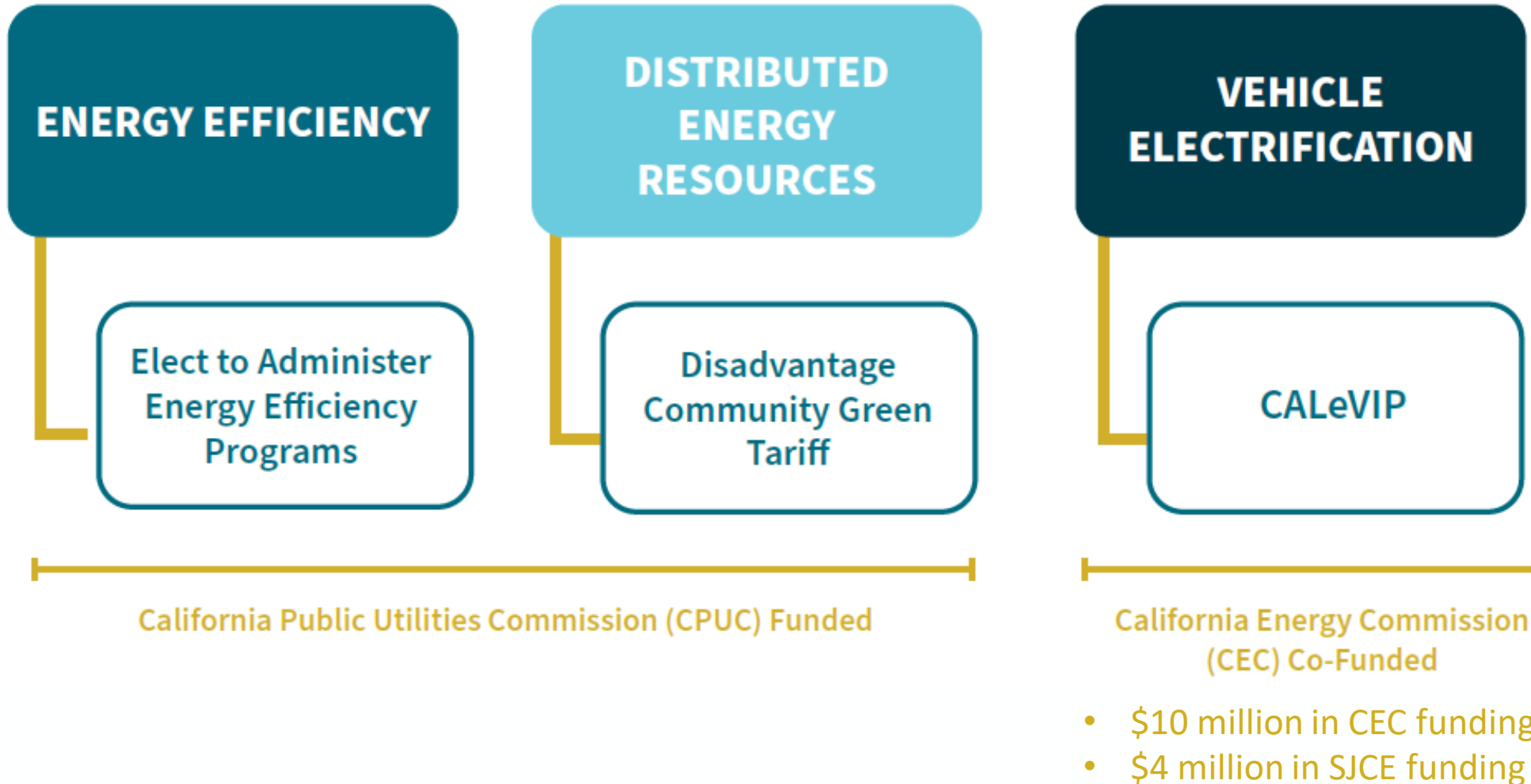
- Equity and electrification as key energy trends
- Equity metrics should be evaluated through several aspects (air quality, energy burden, funding allocation)
- Fleet electrification and electrical panels surfaced as new program topics
- Vehicle electrification and building electrification programs prioritized during program prioritization exercise





NEAR TERM AND EDUCATION- OUTREACH PROGRAM UPDATES

NEAR TERM PROGRAMS



CALEVIP

- Program accepts applications on December 16
- Project webpage launched September 16
- Technical Assistance available to low-income/ disadvantaged communities and multi-family dwellings
- SJCE conducting direct outreach to targeted properties



ENERGY EFFICIENCY AND DAC-GREEN TARIFF

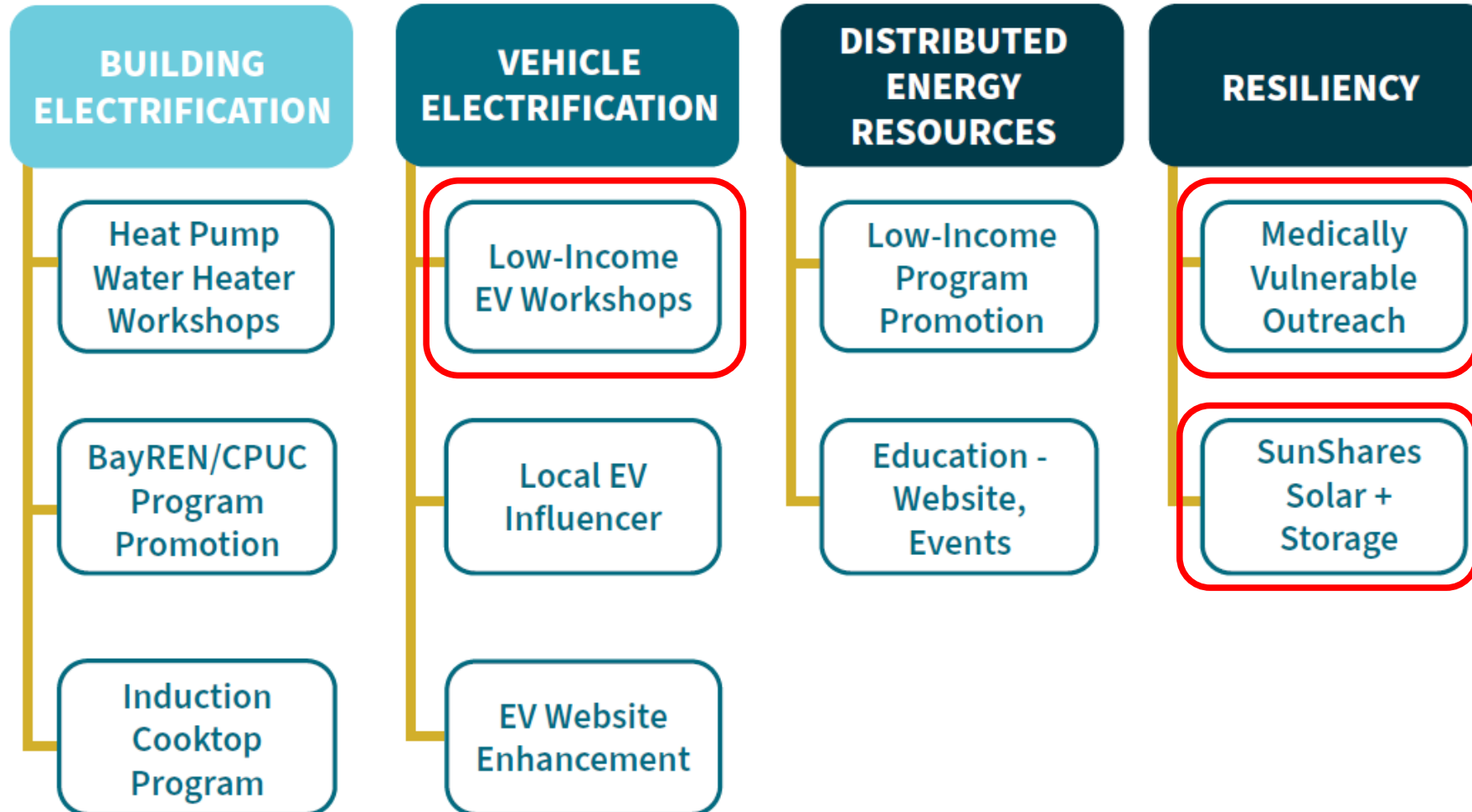
Energy Efficiency

- CPUC-funded energy efficiency programs through public purpose program charge
- Engaged Consultant to support Advice Letter preparation
- CPUC approval requires meeting stringent cost-effectiveness test
- Plan to file Advice Letter in early Q1 2021

DAC-Green Tariff

- CPUC-funded community solar program
- Provides ~500 CARE/FERA (low-income) customers with 20% discount and 100% renewable energy
- Will seek City Council approval to apply on November 17th
- Advice Letter due to file at the CPUC by end of 2020

NEAR TERM EDUCATION AND OUTREACH PROGRAMS



EV WORKSHOPS - UNDERWAY

- Partnership with Peninsula Family Service to provide:
 - Education on EVs
 - Free one-on-one counseling
 - Financial empowerment training
- 3 virtual workshops in English, Spanish, and Vietnamese
- Workshops focus on low-income residents and used EVs

Maria's Family



Household Size: 1 Income: \$28,000



Used 2014
Chevrolet Volt

MSRP \$13,451

CLEAN CARS FOR ALL - \$9,500*

CLEAN FUEL REBATE - \$800

AFTER INCENTIVE PRICE **\$3,151**

* Based off Maria turning in a 2005 or older vehicle
as part of program requirements

RESILIENCY - UNDERWAY

Bay Area SunShares

- Partnership to promote limited-time discounts on rooftop solar and battery storage
- Pre-selected vendors can install new solar + storage or battery retrofit of existing solar system
- SJCE targeted outreach to residents affected by 2019 PG&E power shutoffs

Medically Vulnerable Backup Power

- Partnership with Silicon Valley Independent Living Center
- For residents that rely on power operate life-sustaining medical devices
- Offers portable batteries and emergency resources
- SJCE targeted outreach to medical baseline customers in PG&E power shutoff areas

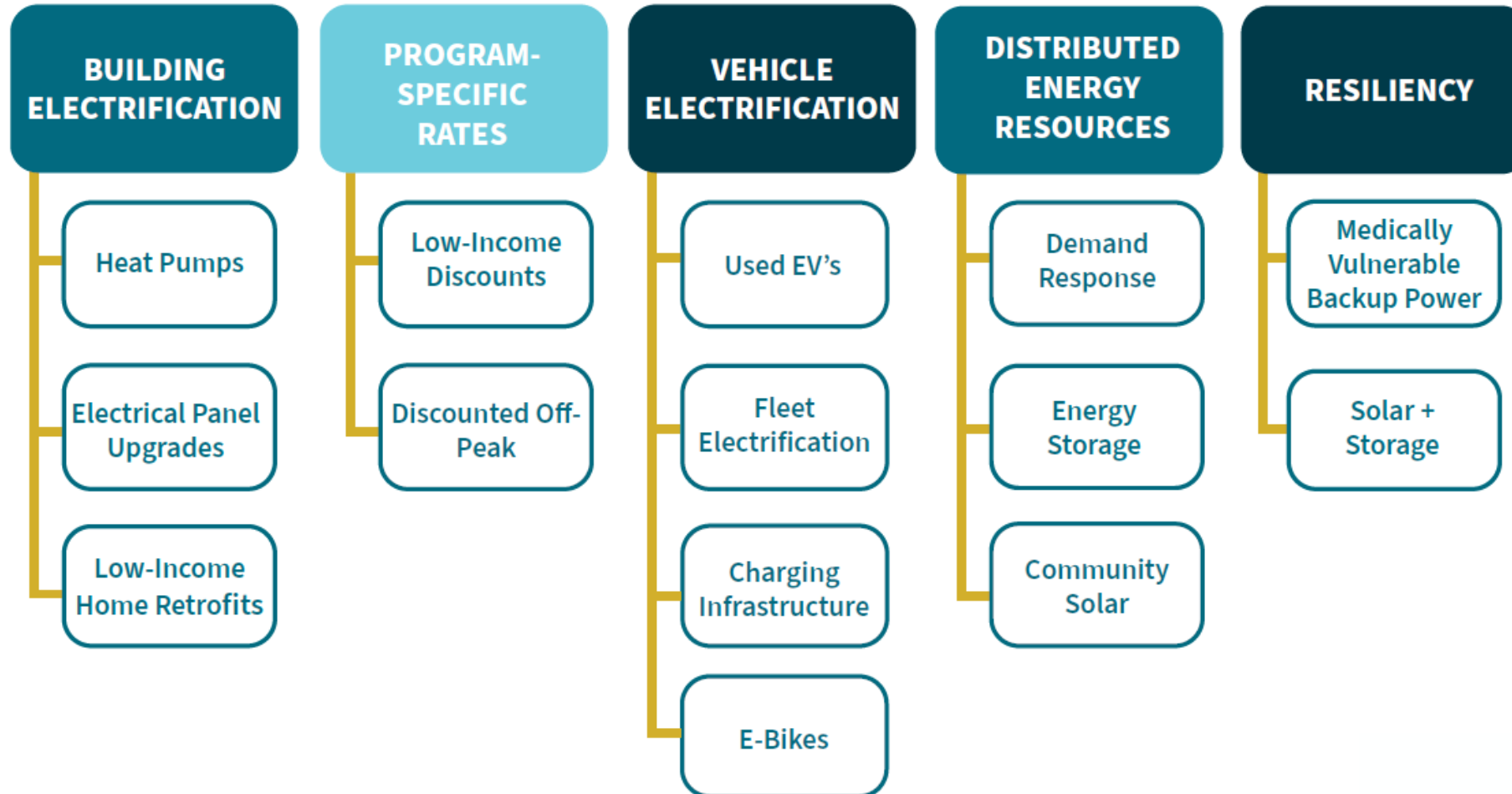


SCORING METRICS AND FUTURE PROGRAM UPDATES

SCORING METRICS

Metric	Description
Equity	Options include: 1) # of participants in and % of low to middle-income communities able to access the program 2) % of program funding directed to disadvantaged and low-income communities 3) % change in energy burden
Emissions Impact	Lifetime metric tons (MT) of carbon dioxide equivalent (CO2e) reduced
GHG Cost Effectiveness	Lifetime \$ spent per metric tons (MT) of carbon dioxide equivalent (CO2e) reduced
Program Cost Effectiveness	Program net present value (NPV)
Community Benefits	Benefits Include: 1) Reduces air pollutants 2) Saves customer money (at least 5% over lifetime) 3) Leads to Local Job Growth 4) Educates and Creates Awareness of Climate Solutions

FUTURE PROGRAM TOPICS



RECOMMENDATION

- Accept an update on the San José Clean Energy Programs Roadmap.