

# San Jose Clean Energy Advisory Commission Process Ad-Hoc Committee Report

January 14, 2020

Gerald Gottheil

Reza Sadeghian

Richard Zahner

# Status

- 12 issues (so far) and possible solutions/next steps identified
- Items impacting Staff
  1. How to improve minutes to reflect work done in meetings
  2. Process for Annual report
  3. Improve use of web pages for basic information
  4. Guidelines for pre-read materials
- Items for Commissioners to consider
  5. Streamline meetings (Brown, process guide)
  6. How to better use/develop Commissioners' expertise
  7. Improve collaboration with Council Liaison
  8. Increasing effectiveness
  9. Collaborative (public) methods (such as google docs) outside of meetings
- Items already completed or being addressed
  10. New commissioner on-boarding package—on today's agenda for action
  11. Template/format for memos to council – on today's agenda for action
  12. Meeting times are inconsistent—addressed during last meeting

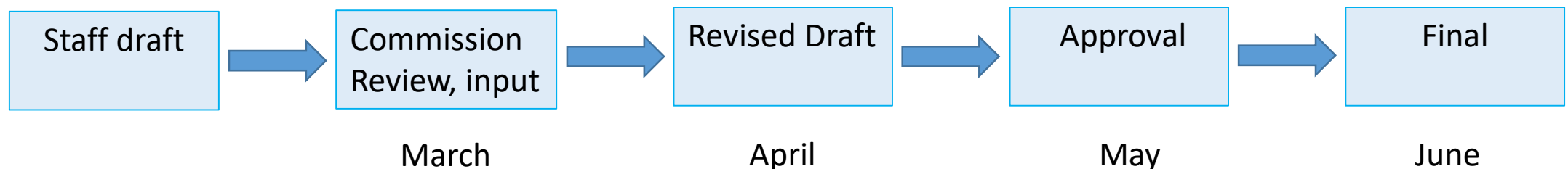
Items impacting Staff

# Items 1-4: Minutes do not reflect work done in meetings, have little informational value

- Investigate detailed minutes with City Clerk
- Commissioners could volunteer to provide summary for an issue/discussion, including pros, cons, and result, to be approved with minutes at next meeting
- “No action” items could also be recorded
- Added detail in minutes would follow (match) the agenda items
- Result would be more meaningful to community, potential commissioners, council members, and provide source documents for the annual report (see Item #11)

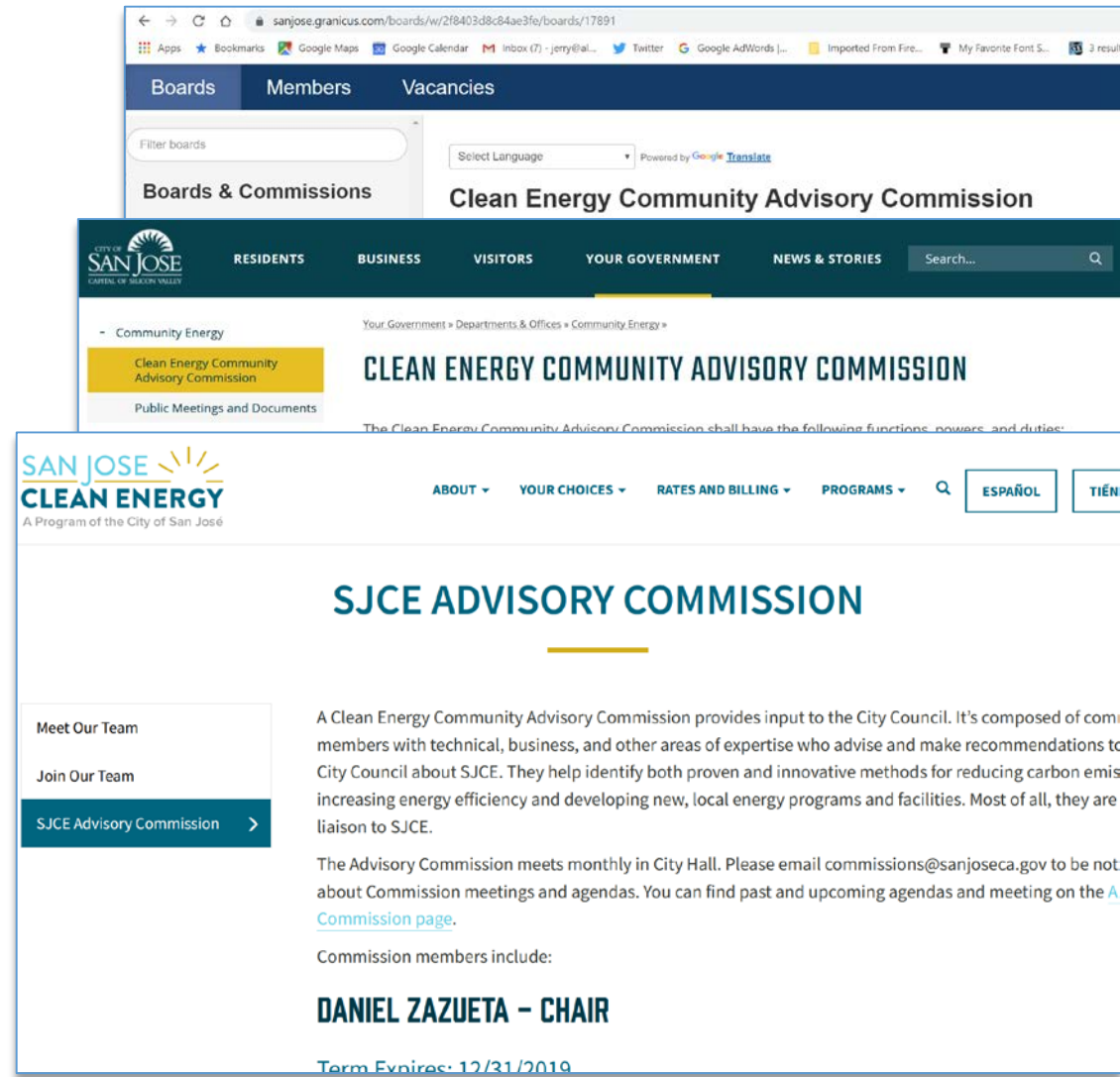
## Item 2: Process needed to insure annual report is on time, complete, has CECAC input and review

- Annual report is required by City policy and documents CECAC work for community, staff and council
- Develop a process and schedule for input, development, and review of a professional, credible, readable report
- Detailed minutes (see Item #4) can provide source documents for the annual report (Housing Commission has used this process –sample available)



# Item 3: On line information is disjoint across multiple web pages, impossible for public to follow

- Information disjoint across SJ site, SJCE site, SJ Granicus, SJ Doc Center (different location since the new SJ site rolled out?)
- Information missing, very difficult to find for Commissioners, Council, Community
- Agendas, minutes, handouts, work plan, bylaws, mission (varies across locations), members/bios
- Consolidate and point to locations
  - Add/update information as needed
  - Catalog information for easier look-up



## Item 3. Suggestions for web

- Add cross-links between San Jose, SJCE, Granicus CECAC web pages
- Post/link to By-laws
- Post/link to work plan
- Link to IRP
- Link to documents page (where attachments are)
- Rename/catalog documents by title and date so they can be searched

# Item 4: Members do not always receive information on topics prior to meeting

- Adopt guidelines for pre-read materials; revise bylaws accordingly
- Where possible, information read in advance instead of presented during meeting
- Commission can vote to accept information not submitted in advance
- Include action expected from Commission for each agenda item

(For example only)

Type of information	When required
Minutes, discussion summaries	At least 3 days prior to meeting
Reports and presentations	7 days
Updates	0-3 days



Items for Commissioners to  
consider

# Item 5-9: Process and procedural questions slow meetings, impede ability to work

- Since we do not have decision authority, investigate exemption from, or greater flexibility within, Brown requirements
- Develop guide on how to agendize items, include lead times and interactions needed with other commissions, staff and/or council
  - Flowchart of actions to get items on agenda
  - Schedule of other relevant meetings (T&E, Council)

# Item 6: Commissioners' expertise not being used effectively

- Associate areas of expertise or interests with each commissioner
- Technical or specialized agenda items could be referred to Commission's internal expert for review and report back
- Invite commissioners to present in their areas to the full commission
- Invite external experts to present to the Commission
- Increase communication to the public, aim for greater community attendance

# Item 7 : Better communication with Council could improve effectiveness

- Engage our council liaison for communications with the Council and in developing the work plan as described in Section IV-b of Policy 0-4
- Consider asking for new liaison to be matched with member who has the most interest and bandwidth



# Item 8: How can we increase our awareness and impact?

- Developing simple procedures can make us more efficient
- Better communications can increase awareness and credibility
  - More detailed, substantive, and professional memos to Council (Item 3)
  - A comprehensive, easy to read annual report (Item 11)
  - Improved relationship with liaison to aid communication to Council (Item 5)
  - Web presence that better communicates CECAC work
  - Community liaison activities
- Other?

# Item 9: Difficulty of communication outside of meetings reduces efficiency of the commission

- Use Google Docs for draft documents:
  - It can be open to the public (view only) and a link on our web page
  - Only Commissioners will have editing rights
  - Commissioners get email notifications when documents are loaded/changed
  - Google Docs offers version control

Items 10-12: completed or being  
addressed

# Item 10: How do we get new commissioners up to speed quickly? (New Business Item VI.B)

- Prepare a new commissioner onboarding package
  - Key documents
  - Webs sites
  - Links
  - Procedures
  - other




# Item 10. Proposed Commissioner Onboarding Info (New Business Item VI.B)

- Welcome letter from the Chairman
- Links to San Jose City, SJCE, and Granicus web site CECAC pages
- San Jose Policy 0-4 (PDF and link)
- Workplan pdf and link
- Brown Act training PPT
- CECAC by laws pdf and link
- SJ Municipal Code 2.08 (boards, bureaus and commissions) pdf and link
- IRP link
- CA AB 32 (Greenhouse gases) link
- CA AB 117 (enables CCAs) link
- CA Senate bill 790 (extends legislation on CCAs) link
- Climate Smart Plan link
- Links to: CalCCA, Clean Power Exchange

# Item 11: Providing substantive, professional comment to Council (New Business Item VI.C)

- Expand content contributed to Staff memos, where appropriate
- Develop form/template for CECAC letters
- Next steps:
  - Input from Staff
  - Input/approval from Commission
  - Review with Council liaison

**CITY OF  
SAN JOSE**  
CAPITAL OF SILICON VALLEY

*Housing and Community Development Commission*

December 13, 2018

Mayor Sam Liccardo  
Members of the City Council  
200 E. Santa Clara St, 18<sup>th</sup> Floor  
San Jose, CA 95113

**RE: Recommended City Council support of General Plan Amendments, File nos. GPT18-003, GPT 18-004, GPT 18-005, GPT 18-006**

Dear Honorable Mayor Liccardo and City Council,

The letter is to convey to the Mayor and City Council the San José Housing and Community

HONORABLE MAYOR AND CITY COUNCIL  
April 6, 2018  
Subject: Amendments to the Tenant Protection Ordinance Regarding Immigration and Criminal Activity  
Page 14

#### **COMMISSION RECOMMENDATION/INPUT**

Pursuant to Section 7.01 of the existing regulations, the proposed amendments to the TPO were presented to the Housing and Community Development Commission (HCDC) on:

- February 8, 2018: HCDC provided the recommendation to accept the report and amend the recommendation to include the additional requirement that staff bring the City Council a full legal analysis of adding the limitation to prevent landlords from sharing immigration status for any purpose.
- March 22, 2018: HCDC recommended maintaining the Tenant Protection Ordinance as written, rejecting staff's recommendation to add a criminal activity just cause. HCDC made a second motion stating, whereas utilizing nuisance as the preferred option, should a criminal activity reason be brought forward to the City Council, conviction should be used as a basis for eviction.

# Item 11, Staff to Council Memo Guidelines\* (New Business Item VI.C)

## **COMMISSION RECOMMENDATION/INPUT** (Mandatory section)

Statement indicating the City commission action on the item being heard by Council. *Include the outcome of any votes if taken, including the actual vote. Also, include any additional relevant input, suggestions or concerns made by the commission.*

If there was no commission input, please use the following statement:

“No commission recommendation or input is associated with this action.”


\* From updated template, provided by Staff

# Item 11, Commission memo template and guidelines\* (New Business Item VI.C)

When more than the section in Staff memo is needed, or when there is not an accompanying Staff report.

- Recommendation
- Outcome
- Executive Summary
- Background
- Analysis
- Conclusion
- Policy alternatives (if applicable)

\* Proposed by the Procedures Ad Hoc



CITY OF  
**SAN JOSE**  
CAPITAL OF SILICON VALLEY

**Clean Energy Community  
Advisory Commission**

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**TO:** HONORABLE MAYOR  
AND CITY COUNCIL

**SUBJECT:** TITLE OF REPORT

**FROM:** Name of Chairman  
Commission Chairman

**DATE:** Date Council Memo is due  
to CMO Agenda Services

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(Use this format if the Commission's recommendation(s) and discussion are more extensive than is practical to include in the Commission Recommendation Summary section of a Staff memo; or if the Commission is providing a recommendation or other comment that is not accompanying a Staff memo)

**RECOMMENDATION**

Indicates recommended City Council action. **THE RECOMMENDATION IS TO BE WORDED AS IT SHOULD APPEAR ON THE AGENDA.** If a resolution or ordinance is required, it must be stated.

**OUTCOME**

This section should detail the results/outcomes of the action that the Commission is recommending to Council. The text should clearly state the product of Council's action.

**EXECUTIVE SUMMARY**

Provides a brief summary of the highlights of the memo/recommendation/report. Include the outcome of any vote and brief summary of relevant discussion.

**BACKGROUND**

Provides a narrative statement describing the nature of the issue and background to date. This section could include, but not be limited to, the reason for the report; what party initiated the item; previous Council consideration or action; any existing policy related to the item; or reference to legal ruling. It is to be limited to factual matters rather than conclusions. If there is

## Item 12: Meeting times are inconsistent, can run long

- Make it a practice to put times next to each agenda item
- Limit meeting to 2 hours
- Limit public comment to 2 minutes at beginning of meeting
- Adopt a set time (e.g., 1<sup>st</sup> Tues of each month) with rare exceptions



# CECAC PROGRAM ROADMAP UPDATE

1/14/20



# AGENDA

**Program Roadmap Alignment and Areas**

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**Program Selection Framework**

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**Shortlisted Programs**

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**Next Steps**

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**Community Communication Channels**

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**Appendix Information**

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# CECAC PROGRAM UPDATES THUS FAR

March 2019

Defined City  
Strategies and  
Benchmarked CCA,  
Regional, State  
Programs

(see appendix slides)

April 2019

- Outlined Program Areas
- Defined Program Guiding Principles

November 2019

Program Roadmap  
Iteration 1

Dec 2019 – Jan 2020

Defining Selection  
Framework,  
Shortlisting  
Programs

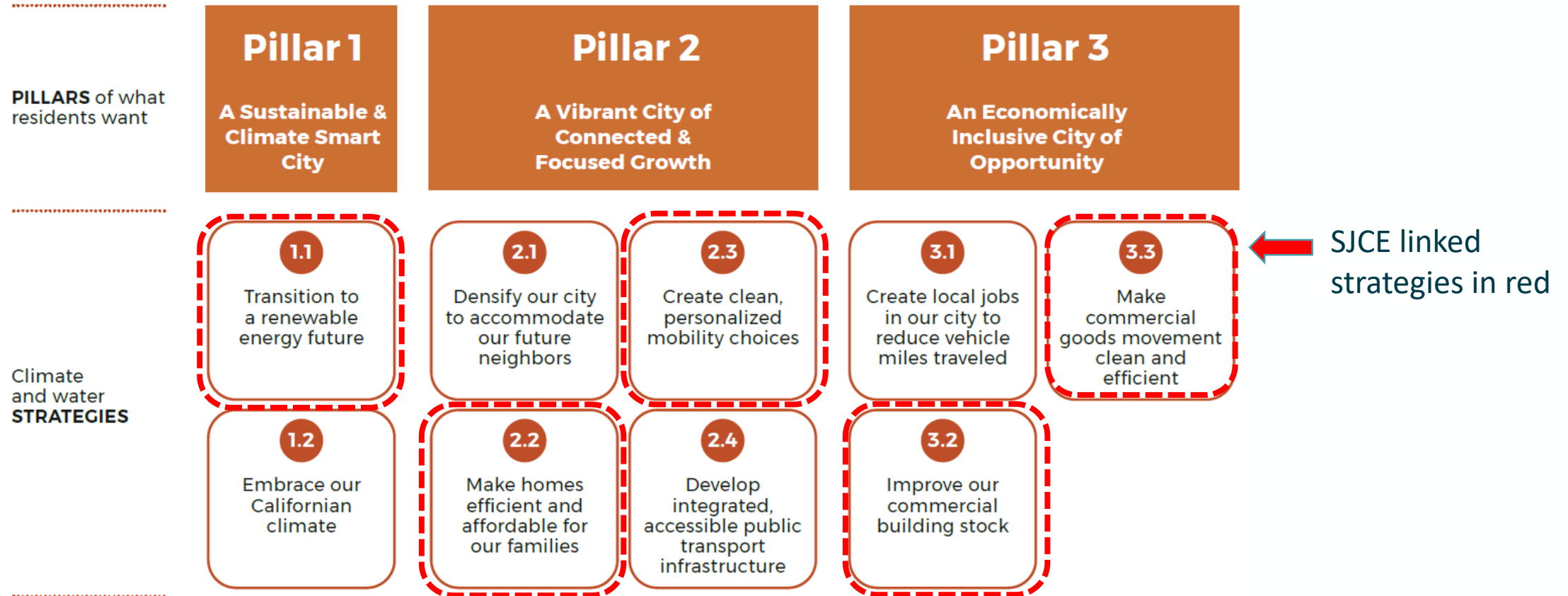




# PROGRAM ROADMAP ALIGNMENT

# SJCE PROGRAMS WILL BE ALIGNED WITH CLIMATE SMART SAN JOSE

## A Framework for Action: Nine Strategies in Three Pillars





# PROGRAM AREAS

# PROGRAM AREAS

Vehicle  
Electrification

Building  
Electrification

Distributed  
Energy  
Resources

Energy  
Efficiency

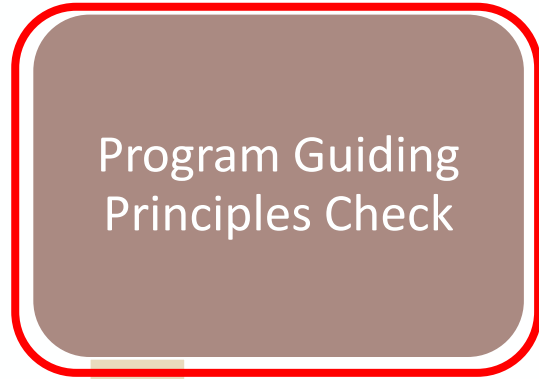
Rates

Resiliency

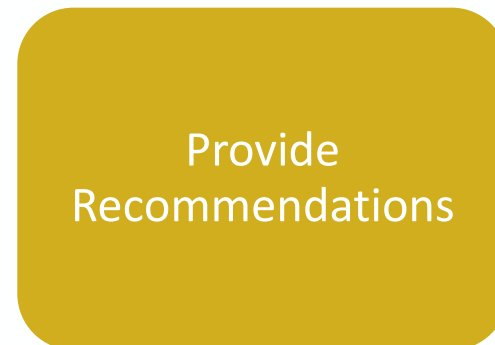
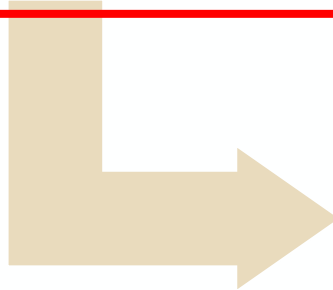


# PROGRAM SELECTION FRAMEWORK

# SJCE PROGRAM SELECTION PROCESS FLOW



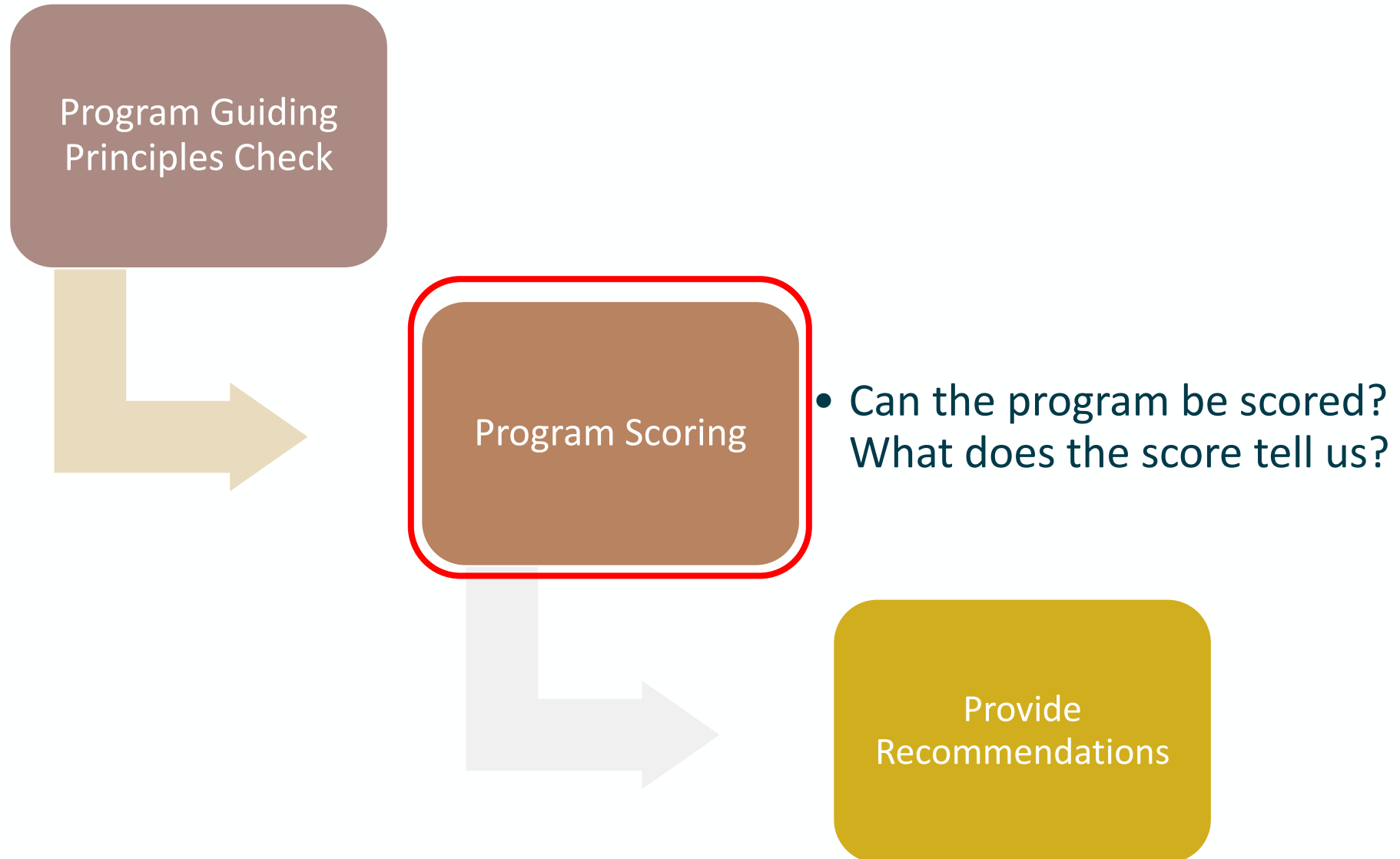
- Does the program address a majority of the guiding principles?



# 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

# SJCE PROGRAM SELECTION PROCESS FLOW









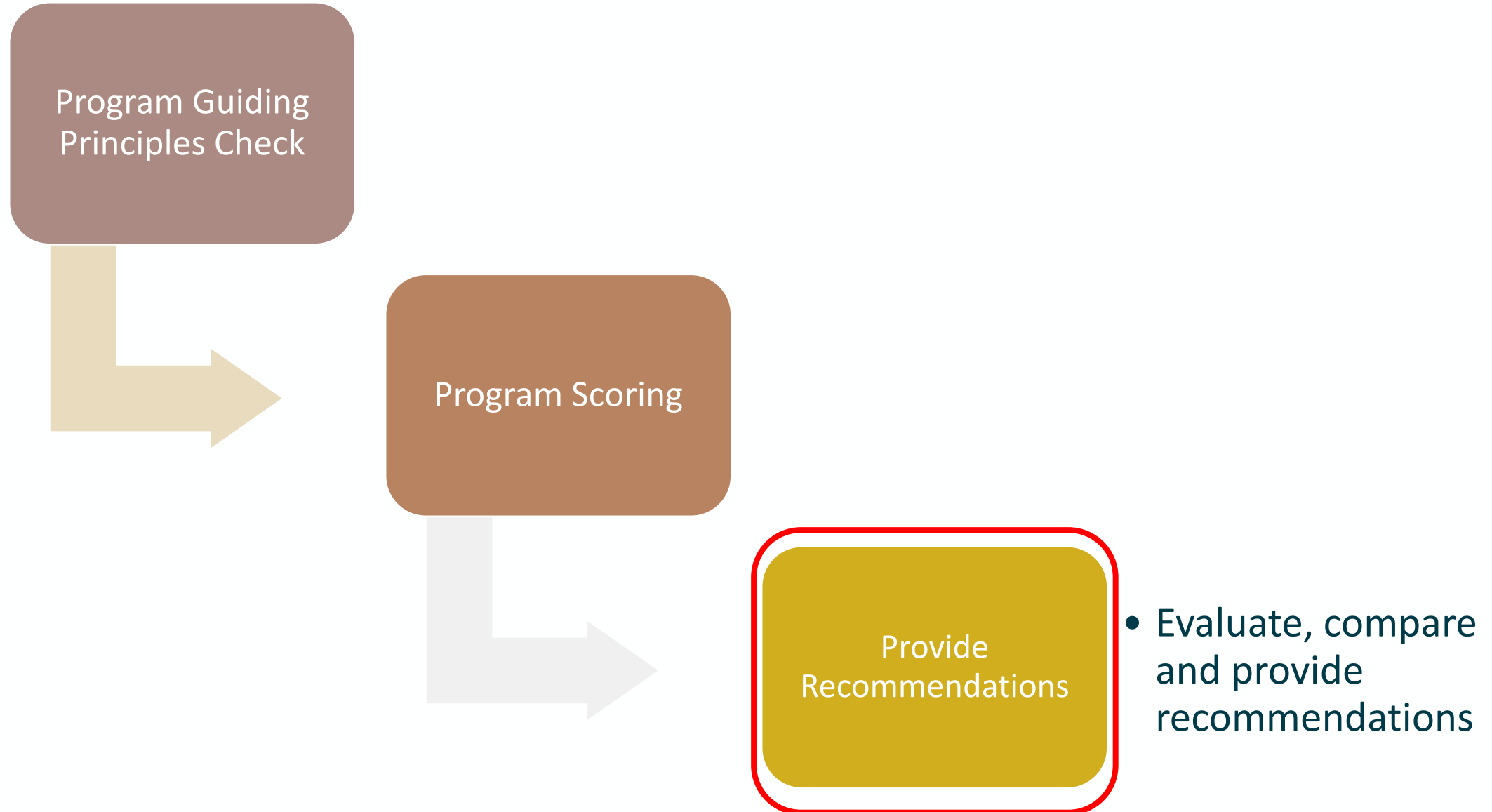
# PROGRAM SCORING METHODOLOGY

Metric	Description	○ Definition	◐ Definition	◑ Definition	◒ Definition	● Definition
Emissions Impact	Lifetime MT of CO2e reduced	No CO2e reduced	1 - 1,000 MT	1,001 - 4,000 MT	4,001 - 8,000 MT	>8,000 MT
Cost Effectiveness	\$ Spent per MT of CO2e reduced	>\$401	\$301-\$400	\$201-\$300	\$101-\$200	<\$100
Cost Effectiveness	Program Profit or (Loss)	<(\$1,000,001)	(\$700,001)-(\$1,000,000)	(\$400,001)-(\$700,000)	(\$100,001)-(\$400,000)	>(\$100,000)
Equity	Potential Quantity of Low Income Qualified Residents Impacted by program	0	1-100	101-1,000	1,001-5,000	>5,001
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	0 out of 4	1 out of 4	2 out of 4	3 out of 4	4 out of 4

# PROGRAM SCORING EXAMPLE

Program	Quantitative Impact		Community		Comments
	Emissions Impact	Cost Effectiveness	Equity	Community Benefits	
DAC-Green Tariff					Strong cost effectiveness due to external funding with significant emissions impact. Local solar site to produce local jobs.
	6,698 MT	\$12/(\$83,000)	523 residents	3 out of 4	

# SJCE PROGRAM SELECTION PROCESS FLOW





# SHORTLISTED PROGRAMS

# SHORTLISTED PROGRAM BACKGROUND

- Shortlisted Programs are divided between Medium and Near term programs
- Medium term programs are based on timing for SJCE to attain budgetary reserve targets to then be able to invest into programs
- Short term programs leverage external or matched funding sources to maintain budgetary reserve projections
- Shortlisted programs still require deeper analysis, stakeholder engagement and program design iterations
- Additional Programs under consideration as detailed in slides 54-57 could move into Shortlisted Programs in the future

# MEDIUM TERM (2022-2024) SHORTLISTED PROGRAMS

Distributed Energy Resources

Energy Storage  
Demand Response/RA

Vehicle Electrification

Ride and Drives

Used EV Incentive

Dealer EV Incentives

Building Electrification

HPWH Program

Low Income Home Upgrades

























Resiliency

Medically at risk  
Customer  
Solar + Storage

Rates

CARE+

# MEDIUM TERM SHORTLISTED PROGRAMS SCORING

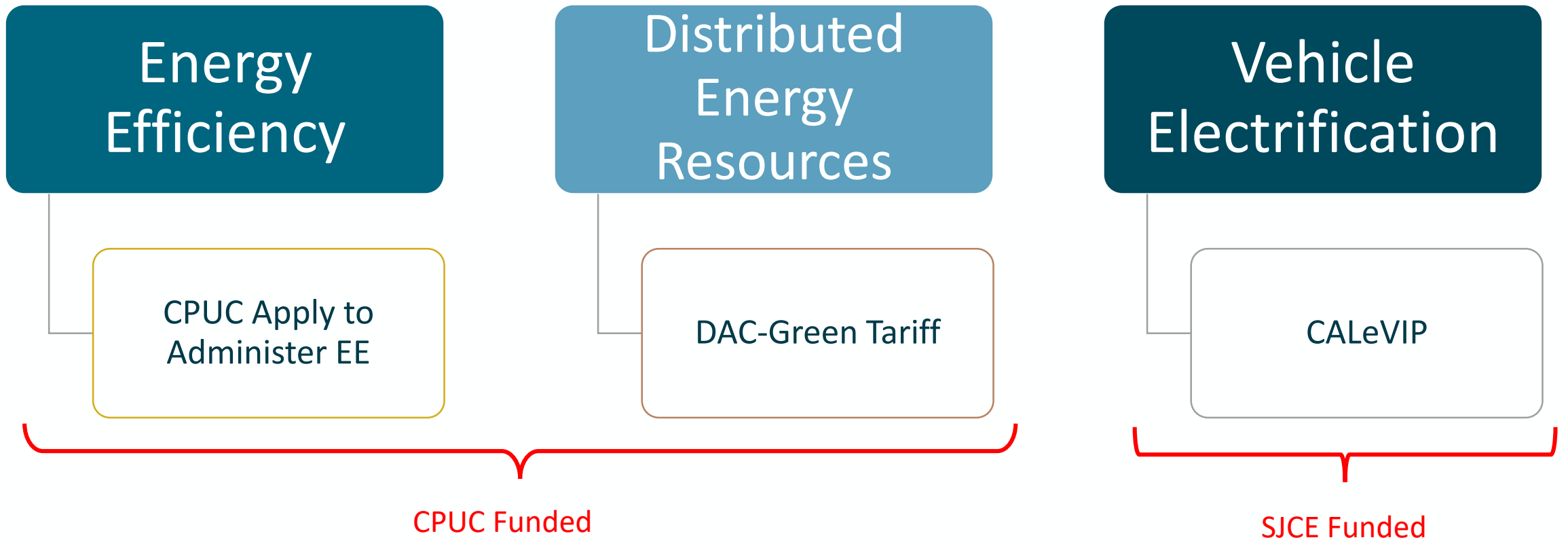
Program	Quantitative Impact		Community		Comments
	Emissions Impact	Cost Effectiveness	Equity	Community Benefits	
Dealer EV Incentives					Strong emissions impact and community benefits, addresses biggest obstacle for San Jose GHG emissions
	21,920 MT	\$76/(\$1,658,085)	100 residents	4 out of 4	
HPWH Incentive					Strong emissions impact and community benefits, key technology for building electrification
	12,960 MT	\$78/(\$1,010,254)	100 residents	4 out of 4	
Ride and Drives					Low cost program that builds momentum towards future EV programs. Education and outreach addresses key barrier to EV adoption
	1,069 MT	\$106/(\$113,598)	36 residents	3 out of 4	
Low Income Home Upgrades					Leverages existing city program to focus on low income residents. Supports low income residents in transition to home electrification
	826 MT	\$341/(\$281,769)	234 residents	4 out of 4	
Low Income Used EV Program					Equity focused EV program by supporting low income residents transition to EV's, program builds on PCE program structure
	1,058 MT	\$438/(\$463,598)	300 residents	4 out of 4	
CARE+ Rates					Strongest equity score, addresses affordability issues for most disadvantaged
	0 MT	NA/(\$13,430,000)	61,000 residents	2 out of 4	

# MEDIUM TERM SHORTLISTED PROGRAMS SCORING






Program	Quantitative Impact		Community		Comments
	Emissions Impact	Cost Effectiveness	Equity	Community Benefits	
Energy Storage Demand Response/Resource Adequacy	More evaluation required				Potential for strong cost effectiveness and emissions impact. Aim to also create equity link by installing in low income households
Medically at-risk Solar + Storage	More evaluation required				Program to support most vulnerable during PSPS events. Strong equity focus.



# NEAR TERM (2020-2021) SHORTLISTED PROGRAMS



# NEAR TERM SHORTLISTED PROGRAMS SCORING

Program	Quantitative Impact		Community		Comments
	Emissions Impact	Cost Effectiveness	Equity	Community Benefits	
DAC-Green Tariff					Strong cost effectiveness due to external funding with significant emissions impact. Local solar site to produce local jobs.
	6,698 MT	\$12/(\$83,000)	523 residents	3 out of 4	
CPUC Elect to Administer	More evaluation required				Leverages CPUC funding, expect to have strong cost effectiveness for SJCE and major community benefits to residents through energy cost savings
CALeVIP	EV Charger installation to EV adoption causation unclear				Leverages CEC funding, addresses key barrier for EV adoption and biggest San Jose GHG emissions source in transportation
				3 out of 4	

# SHORTLISTED PROGRAM NEXT STEPS

- Energy Efficiency Programs
  - Decide on EE pathway, specific programs and engage Consultant to apply
- Distributed Energy Resources Programs
  - Prepare, submit implementation advice letter to CPUC for DAC-GT Program
  - Monitor EBCE/SVCE/PCE Energy Storage for RA program
- Vehicle Electrification Programs
  - Assess Ride and Drive pilot results
  - Follow PCE, MBCP EV Dealer Incentive Results
- Building Electrification Programs
  - Assess EE program-funded fuel substitution option
  - Track, Coordinate with Building Decarbonization Coalition and BayREN on regional/state-wide initiatives



**NEXT STEPS**

# UPCOMING ROADMAP MILESTONES

- January 2020
  - CECAC Program Roadmap Update
- March 2020
  - T&E Committee Program Roadmap Memo/Presentation
- March-April 2020
  - RMI/WRI Industry Expert Roadmap Workshop
- August 2020
  - City Council Program Roadmap Memo/Presentation



# COMMUNITY COMMUNICATION CHANNELS

# LONG TERM PROGRAM FEEDBACK CHANNELS

1. Annual Roadmap Update
  - To reflect program experiences, new focus and direction, elicit community group feedback through website
2. Quarterly/Semi-Annual Program CECAC Review
  - Post schedule on website to invite public feedback
3. Community-Based Organization Focus Groups
  - Leverage CBO's to convene periodic focus groups
4. Annual Technology/Program Surveys & In Person Interviews
  - Run similar online survey to assess change in answers/priorities
5. Annual Neighborhood Association Updates
  - Presentation on program ideas and plans
6. Website channel for comments/suggestions
  - Collect feedback and elicit new program ideas on SJCE webpage

# SHORT TERM ROADMAP OUTREACH PLANS

1. Programs Survey (Nov-Jan 2020)
  1. Online Survey
    - Questions assessing interest and reaction to current program ideas (e.g. Used EV Incentive program, HPWH program)
    - Survey in English, Spanish and Vietnamese
  2. In Person
    - At community events, conduct Q&A or provide fill-in form with questions similar to online survey (e.g. interest level in program ideas)
2. Neighborhood Association Meetings (Dec 2019-Jan 2020)
  - Present on programmatic sectors and program idea
  - Collect feedback and elicit new program ideas
3. RMI/WRI Workshop (Mar-Apr 2020)
  - Based off SVCE Roadmap Workshop
  - Aim in to bring in diverse group of professional from the public, corporate, non-profit, and academic sectors





**THANK YOU!**

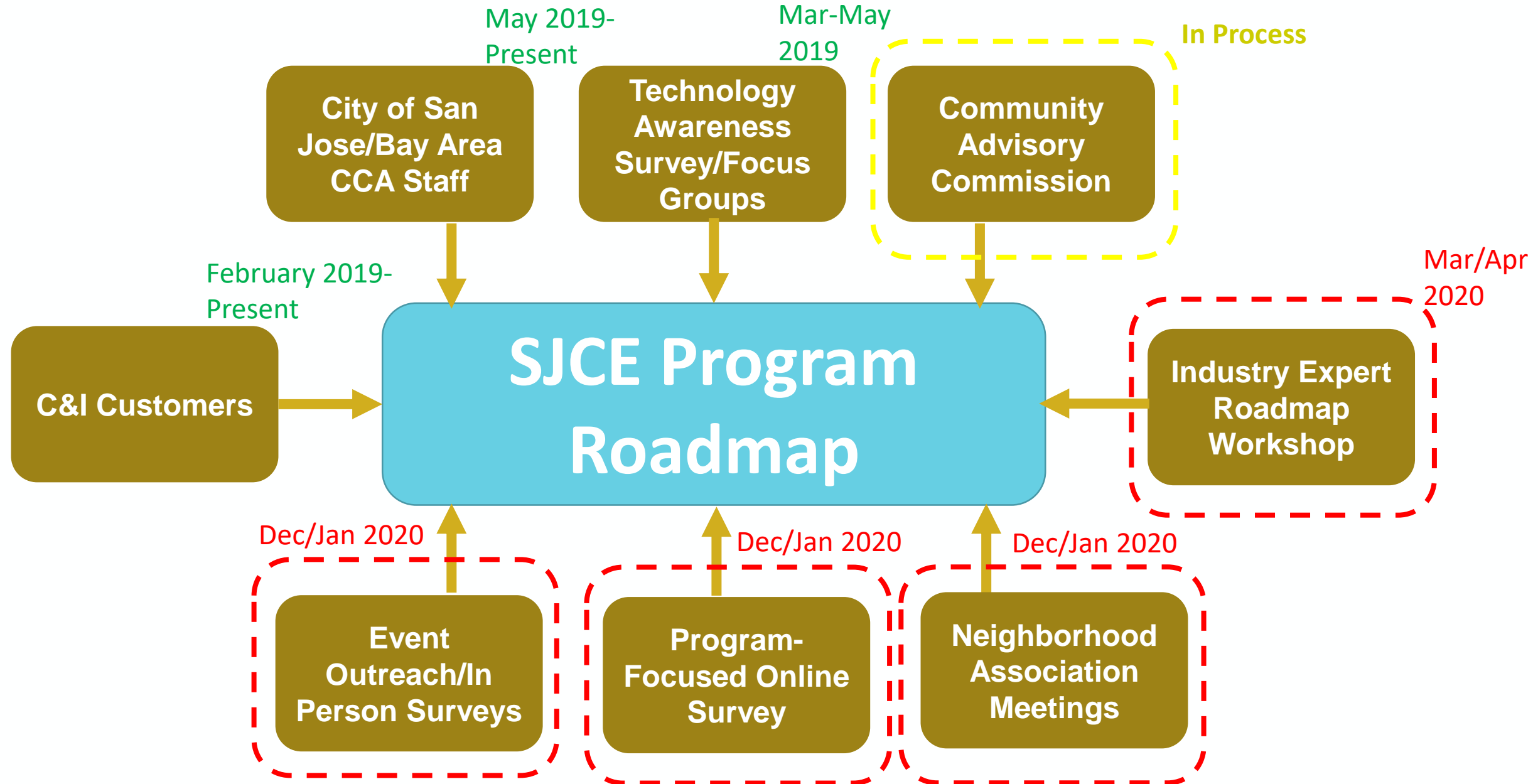


# APPENDIX



# COMMUNITY OUTREACH

# ROADMAP INPUT PROCESS



# ROADMAP INPUT SUMMARY

## 1. Technology Awareness

### 1. Focus Groups (March – April 2019)

#### 1. Spanish Language (Somos Mayfair led)

- Key Takeaways:
  - Worries about insufficient electrical infrastructure to support increased electrification
  - Perceptions of EV's being expensive
  - Importance of receiving info from trustworthy sources

#### 2. Vietnamese Language (ICAN led)

- Key Takeaways
  - General interest in “cash for clunkers” type EV program
  - Confusion on true costs and benefits of rooftop solar
  - Cooktops will be barrier for home electrification

#### 3. English Language (SJCE Staff led)

- Key Takeaways
  - Well energy-versed audience
  - Concerns on resiliency from increased electrification
  - Good potential audience for future program stress-testing

## FINAL REPORT

January – March 2019

SAN JOSE CLEAN ENERGY gathers information from Mayfair community on Clean energy needs, resources and services.



SOMOS Mayfair is a non-profit in the Mayfair neighborhood of East San José. Our work is to support children, organize families, connect neighbors, and address systemic inequalities as we uplift the dreams, power, and leadership of the community



# ROADMAP INPUT SUMMARY- CONTINUED

## 4. Online Survey (May 2019)

- 522 responders, survey in English, Spanish and Vietnamese
- Less SJCE awareness amongst Spanish-speaking responders
- Millennials more aware and ready to purchase an EV
- Neighborhood differences on HPWH awareness and solar adoption

## 2. Commercial & Industrial Customers

- Organic interest in EV charging infrastructure
- Several expressed interest in onsite solar + storage
- General focus on reducing costs
- Looking for SJCE to lead, propose solutions

## 3. City of San Jose/Bay Area CCA Staff

- Bay Area CCA staff supportive of program selection process
- Bay Area CCA staff suggestion to have community grant program as early-stage program
- Integrating in Department of Transportation's E-Mobility Roadmap

# PROMOTING PROGRAMS

1. Identify target audience(s)
  - Demographics: income, language
  - Geographic: ZIP codes, neighborhoods
2. Set budget
3. Choose tactics that reach target audience(s) and fall within budget



- Media
  - Targeted pitching, news release, press event
- Grassroots
  - Events, community meetings
- Direct mail and/or email
- Digital advertising
  - Google ads, social media ads
- TV & radio
  - Advertising, securing free spots on talk shows
- Outdoor advertising
  - Billboards, bus ads, light rail ads
- Social media
  - Nextdoor, Facebook, Twitter, Instagram
- Partners
  - Council Districts, City departments (libraries, community centers, small business allies, Office of Economic Development), NGOs, social media influencers



# PROGRAM AREA DESCRIPTIONS



# PROGRAM AREA DESCRIPTIONS

Program Sector	Description
Vehicle Electrification	Programs focused on accelerating the conversion of all vehicles segments to an electrified version. With 63% of San Jose's GHG emissions coming from the transportation sector, vehicle electrification will be critical in addressing Guiding Principle #1 and #2
Building Electrification	Programs supporting the aim to convert homes and buildings from utilizing gas to electricity. This includes both fuel substitution for equipment such as water heating but also with the electrical infrastructure requirements needed during this transition including upsizing of electrical panels and load management systems for EV charging
Distributed Energy Resource	Distributed Energy Resource (DERs) programs include any behind-the-meter resources such as solar, battery storage, and demand response. DERs can generate and storage energy locally, reduce demand for energy, as well as make energy supply more resilient.
Energy Efficiency	Energy Efficiency are programs that help to reduce customer energy costs either through equipment upgrades or building envelope improvements. Programs are funded through the Public Purpose Program charge and administered by the California Public Utilities Commission.
Resiliency	Programs aiming to provide back-up power or to sustain power in the event of a PG&E Public Power Shut off. Resiliency programs often rely on or leverage distributed, behind-the-meter resources to sustain power
Rates	Programs design to offer special rates to select customer groups to either incentivize energy-use behavior or to support select customer groups



# SHORTLISTED PROGRAMS SCORING/EVALUATION

# CRITERIA SCORING METHODOLOGY

Criteria	Description	○ Definition	◐ Definition	◑ Definition	◒ Definition	● Definition
Emissions Impact	Lifetime MT of CO2e reduced	No CO2e reduced	1 - 1,000 MT	1,001 - 4,000 MT	4,001 - 8,000 MT	>8,000 MT
Cost Effectiveness	\$ Spent per MT of CO2e reduced	>\$401	\$301-\$400	\$201-\$300	\$101-\$200	<\$100
Cost Effectiveness	Program Profit or (Loss)	<(\$700,001)	(\$500,001)-(\$700,000)	(\$300,001)-(\$500,000)	(\$100,001)-(\$300,000)	>(\$100,000)
Equity	Potential Quantity of Low Income Qualified Residents Impacted by program	0	1-100	101-1,000	1,001-5,000	>5,001
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	0 out of 4	1 out of 4	2 out of 4	3 out of 4	4 out of 4

# MEDIUM TERM SHORTLISTED PROGRAMS EVALUATION

Program	Description	Program Guiding Principles	Program Scoring	Comments
Dealer EV Incentives	Discount paired with Dealer discount for EV purchase	5/5	Done	Strong score results, other CCA experience
Residential HPWH Program	Incentive to Distributor or Contractor for HPWH	5/5	Done	Key piece for home electrification
Ride and Drives	EV events at Corporate Campuses, DACs	5/5	Done	Momentum towards future EV programs
Low Income Used EV	Down Payment support toward Used EV	5/5	Done	Builds on PCE program, strong equity focus
Low Income Home Upgrade	Upgrades to home to support electrification	4/5	Done	Leverages existing city program, strong equity focus
CARE+	Reduction of CARE customer rate by 5%	3/5	Done	Strong Equity Message

# MEDIUM TERM SHORTLISTED PROGRAM - QUANTIFIED

Program	Lifetime Carbon Reductions (MT of CO2e)	Net \$ per MT CO2 reduced	Program Profit/(Loss)	Low Income Residents Impacted
HPWH Incentive	12,960	\$78	(\$1,010,254)	100
EV Incentives	21,920	\$76	(\$1,658,085)	100
Ride and Drive Events	1,069	\$106	(\$113,598)	36
Low Income Home Upgrades (Critical Repair Program Adder)	826	\$341	(\$281,769)	234
CARE+	0	N/A	(\$13,430,000)	61,000
Low Income Used EV Program	1058	\$438	(\$463,598)	300

<sup>1</sup>Based off expected quantity of operators of equipment

<sup>2</sup>Assume ½ of school bus riders are from low income communities

# NEAR TERM SHORTLISTED PROGRAMS EVALUATION

Program	Description	Program Guiding Principles	Program Scoring	Comments
CPUC Elect to Administer EE	CPUC funded Energy Efficiency Programs	5/5	TBD	Externally Funded
DAC-Green Tariff	CPUC funded Community Solar program	5/5	Done	Other CCA's pursuing, strong equity focus
CALeVIP	CEC Co-funded program to incentivize Level 2/DCFC Chargers	3/5	N/A	Program Approved by Council

# SHORT TERM SHORTLISTED PROGRAM - QUANTIFIED

















Program	Lifetime Carbon Reductions (MT of CO2e)	Net \$ per MT CO2 reduced	Program Profit/(Loss)	Low Income Residents Impacted
DAC-Green Tariff	6,698	\$12	(\$83,000)	523



# **ADDITIONAL PROGRAMS UNDER CONSIDERATION SCORING/EVALUATION**



# ADDITIONAL PROGRAMS UNDER CONSIDERATION SCORING

Program Sector	Program	Quantitative Impact		Community	
		Emissions Impact	Cost Effectiveness	Equity	Community, Customer Benefits
Vehicle Electrification	School Bus Voucher				
Other	GHG-Free Power 5% Increase				
Other	Campus/Park Commercial Lawn Electrification				
Vehicle Electrification	City of San Jose Fleet Electrification				

# ADDITIONAL PROGRAMS UNDER CONSIDERATION EVALUATION

Program	Description	Program Guiding Principles	Program Scoring	Comments
School Bus Voucher	School District Voucher for Electric School Buses	5/5	Done	Strong health benefits with connection to children
GHG Free Power Increase 5%	Increasing GHG free power by 5%	3/5	Done	City wide impact
Commercial Lawn Electrification	Rebates for electrifying lawn equipment	3/5	Done	Focused on small business, major health benefits
SASH in Low Income Communities	Model Grid program in non-DAC communities	3/5	TBD	Expensive, loss making program to operate
C&I Energy Storage	Support to C&I to install Batteries	0/5	TBD	Assumes SJCE does not control battery

# ADDITIONAL PROGRAMS EVALUATION

Program	Description	Program Guiding Principles	Program Scoring	Comments
City of San Jose Fleet Electrification	Financial support to electrify City fleets	4/5	Done	Externally Funded
MUD Technical Assistance	EV Charging technical assistance to property owners	4/5	N/A	Complements CALeVIP, supports key segments
EV Rates	Offer deeper discount during midday off peak	4/5	TBD	SJCE and customer cost savings by shifting use to day time
HPWH Rate	Offer deeper discount during midday off peak	4/5	TBD	SJCE and customer cost savings by shifting use to day time
Community Grants	Small grants to CBO's to education hard to reach customers	2/5	N/A	Builds connections with key CBO's in San Jose

# ADDITIONAL PROGRAMS UNDER CONSIDERATION PROGRAM- QUANTIFIED

Program	Lifetime Carbon Reductions (MT of CO2e)	Net \$ per MT CO2 reduced	Program Profit/(Loss)	Low Income Residents Impacted
Landscaping Equipment Electrification Pilot	143	\$635	(\$90,712)	3-5 <sup>1</sup>
(Low Income Home Upgrade) Build it Green Pilot	405	\$552	(\$223,695)	150
GHG-Free Power 5% increase	510,400	\$25	(\$12,650,000)	353,330
Campus Lawn Electrification	432	\$300	(\$129,770)	5 <sup>1</sup>
School Bus Voucher	4,529	\$243	(\$1,099,197)	720 <sup>2</sup>
City Fleet Electrification	3,370	\$127	(\$428,840)	0

<sup>1</sup>Based off expected quantity of operators of equipment

<sup>2</sup>Assume ½ of school bus riders are from low income communities

# ~\$1 MILLION ANNUAL BUDGET PROGRAM OPTIONS

Program	Customers Impacted	Program Budget	Lifetime Carbon Reductions (MT of CO2e)	Net \$ per MT CO2 reduced	Program Profit/(Loss)
HPWH Incentive	800	1.10 million	12,960	\$84	(\$1,091,425)
EV Incentives (\$2K Incentive)	500	\$1.15 million	13,700	\$66	(\$1,144,952)
EV Incentives (\$1K Incentive)	1000	\$1.15 million	27,400	\$24	(\$645,213)
GHG-Free Power 5% increase	325,000	\$1.27 million	51,040	\$25	(\$1,265,000)



# SHORTLISTED PROGRAM DESCRIPTIONS

# MEDIUM TERM PROGRAM DESCRIPTIONS

Program Area	Program Title	Description
Vehicle Electrification	Dealer EV Incentives	Through select dealers, offer incentive to customers of \$2,000 on top of negotiated discount from dealership. Incentive would flow through dealer and would be stackable with other rebates such as CVRP and CVAP.
Vehicle Electrification	Low Income Used EV Incentive	Based off PCE's program, working with third party to offer down payment incentive of \$4,000 and financial mentoring for low income qualified residents to purchased a used EV
Vehicle Electrification	Ride and Drives	Host EV Ride and Drives in downtown San Jose, low income community, and corporate campus to educate, promote, and spur EV adoption
Resiliency	Medically at Risk Solar + Storage	Support medically and financial at risk customers with energy storage systems to prepare for PSPS events. Program could either be a rebate on a storage system, a negotiated discount with a storage vendor, or facilitation support to receive SGIP incentives
Distributed Energy Resources	Battery Storage Demand Response for Procurement or RA	Based off EBCE/SVCE/PCE programs, work with behind-the-meter battery storage aggregators (e.g. Sunrun), to schedule events to offset high wholesale market prices through procurement of negotiated price from battery storage aggregators to discharge at set time or to leverage aggregated storage for Resource Adequacy requirements

# MEDIUM TERM PROGRAM DESCRIPTIONS

Program Area	Program Title	Description
Building Electrification	Residential Heat Pump Water Heater Incentive	Mid-stream incentive of \$1,200 towards purchase of single family heat pump water heater when transitioning from gas furnace heater.
Building Electrification	Low Income Home Upgrade (Critical Home Repair Adder)	Supporting fund of \$65,000 per year towards City of San Jose Housing Department's Critical Home Repair program to go towards electrifying water heater or upgrade to electrical panel in low income qualified homes
Building Electrification	Low Income Home Upgrade (Build it Green Pilot)	Build it Green managed program leveraging multiple external fund streams for EE, Solar, and Home upgrades to include SJCE funds directed toward electrification in low income qualified homes. SJCE would allocated \$175,000 for 1 year pilot
Rates	CARE+ Rates	Increased discount to current CARE customers of 5%. Scoring assumes program and discount lasts for at least 10 years



# NEAR TERM PROGRAM DESCRIPTIONS

Program Area	Program Title	Description
Energy Efficiency	CPUC Elect to Administer EE Programs	CPUC Funded (from Public Purpose Program charge), budget based off portion of PG&E's regional program budget, programs must not conflict with IOU or BayREN's programs, 3 year program, must meet cost effectiveness test
Distributed Energy Resources	CPUC Disadvantaged Community (DAC)-Green Tariff Program	CPUC funded community solar program offering 20% discount to CARE customers on top of CARE discount. SJCE allocated 1.4 MW from CPUC.
Vehicle Electrification	CALeVIP	CEC co-funded EV incentive program offering rebates for level 2 and DCFC installations.



# **ADDITIONAL PROGRAMS UNDER CONSIDERATION DESCRIPTIONS**

# PROGRAM DESCRIPTIONS

Program Area	Program Title	Description
Vehicle Electrification	MUD Technical Assistance	Offer free technical assessment for MUD property owners on upgrades, investments, and incentive opportunities to install EV charging stations.
Vehicle Electrification	City of San Jose Fleet Electrification	Support Public Works's efforts to electrify 82 light duty vehicles with \$5,000 of financial support per vehicle.
Vehicle Electrification	Electric School Bus Voucher	Offer incentive of \$50,000 to San Jose School Districts towards purchase of each Electric Bus

# PROGRAM DESCRIPTIONS

Program Area	Program Title	Description
Distributed Energy Resources	C&I Energy Storage	Negotiate and select preferential terms from Energy Storage firm to then offer to select C&I customers. In this program, SJCE would <i>not</i> be able to access customer energy storage as a resource. Modeled after SCP pilot.
Distributed Energy Resources	Single-Family Affordable Solar Home (SASH) in Low Income Non-DACs	Offer similar incentive package as Grid Alternative managed DAC-SASH program to low income qualified San Jose residents not living in DAC as designated by CalEnviroScreen
Distributed Energy Resources	Resiliency Focused Energy Storage	Energy Storage incentives or rebates for customers effected by Public Safety Power Shutdown for municipal critical facilities
Other	Campus/Park Commercial Lawn Mower Electrification	Incentive program to campuses and small landscaping business to electrify commercial sized lawn mowers. Offer rebate of \$3,500 per electric lawn mower.

# PROGRAM DESCRIPTIONS

Program Area	Program Title	Description
Other	Community Grants	Grants of \$12,500 each to community based organizations focused on serving underserved community members to promote clean energy, energy awareness, and energy bill understanding
Other	Landscaping Equipment Electrification Pilot	Single site incentive program to electrify landscaping equipment. Incentive will be through one lump sum covering suite of equipment such as lawn mowers and leaf blowers
Other	GHG Free Power 5% Increase for 10 years	Increase of SJCE GHG Power by 5% through procurement of GHG Free attributes for 10 year period
Rates	EV Rates	Increased discount on current EV-2A rate
Rates	HPWH Rates	Design rate for single-family homes with Heat Pump Water Heater to incentivize day time charger of HPWH.

# PROGRAM DESCRIPTIONS

Program Area	Program Title	Description
Rates	C&I Green Tariff	Also referred to as a “sleeved PPA” but is a special tariff for large commercial and industrial customer through fixed PPA price linking customer directly with renewable energy site. Provides customers with long term, fixed price along with access to Renewable Energy Certificates (RECs)
Energy Efficiency	CPUC Apply to Administer EE Programs	CPUC Funded (from Public Purpose Program charge), budget based off cost savings, would largely replace IOU EE programs in San Jose, must meet cost effectiveness test, larger budget but administratively more burdensome



# PROGRAM SCORING ASSUMPTIONS

# METRIC ASSUMPTIONS

Program Sector	Program	Incentive Amount	Administrative Cost (in % of total incentives or total cost)	Customers, Incentives Per Year	Technology Lifetime in years	Charging % in San Jose or % Electric Resistance Water Heater	Electricity Rate	MWh/year	CO2e/year	Explanations
Vehicle Electrification	Dealer Incentives	\$2,000	10%	400	10	75%	\$ 0.064	3.50	2.74	
	Used EV Incentive	\$4,000	10%	100	5	75%	\$ 0.064	3.5 1	2.74 1.37	Based off PHEV and BEV Sales
	School Bus Voucher	\$50,000	10%	20	12	100%	\$ 0.080	17.64	15.42	
	Ride and Drives	N/A	\$90,000	50	10	75%	\$ 0.064	3.5 1	2.74 1.37	Based off PHEV and BEV Sales and SJCE to do 6 events
	City of San Jose Fleet Electrification	\$5,000	5%	82	15	100%	\$ 0.080	3.50	2.74	
Building Electrification	HPWH Incentive	\$1,200	10%	400	10	10%	\$ 0.073	1.86	1.80	
	Critical Repair Program Adder	\$2,100 \$2,500	10%	26	10	10%	\$ 0.073	1.86	1.80	\$2100: HPWH \$2500: Panel
	Build it Green Pilot	\$2,100 \$2,500		50	10	10%	\$ 0.073	1.86	1.80	\$2100: HPWH \$2500: Panel
Landscaping Equipment	Campus Lawn Electrification	\$3,500 \$200	0%	105	8	100%	\$ 0.080	0.966 0.44	3.18	\$3500: Mower \$200: Blower
	Keller Park Electrification	Lump Sum of \$60,000	0%	52	8	100%	\$ 0.080	0.966 0.44	0.08	Incentive based off Grid Alternatives
DERs	SASH in non-DACs	\$28,000	0%	10	10	100%	\$ 0.073	-7.30	TBD	5 kw systems
	C&I Energy Storage	\$0	0%	3	10	100%	\$ 0.040	-10.67	TBD	Based off E19 customers
Rates	GHG-Free Power Increase 5%	\$5.75 (per MWh per Attribute)	0%	1.020 million	10	100%	N/A	220,000	0.095	CO2 reduction based off SJCE emission factor estimate





# LOAD AND EMISSION REDUCTION ASSUMPTIONS

Category	Metrics	SJCE	PG&E	SMUD	PCE	EBCE	MBCP	CEC	SEPA	State of MA
Vehicle Electrification	MWh per EV per year	3.5	3.2			3.5	4.68	3.97	3.5-4.35	
	Emission Reductions per EV (Metric ton) per year	2.74	2.54		3.1		3.86			
	MWh per Electric School Bus per year	17.64								17.64
HPWH	MWh per HPWH per year	1.86		1.86		1.13	1.39			
	Emissions Reductions per HPWH (MT) per year	1.8					1.8			
Solar PV	MWh produced per system per year	7.7						7.7		

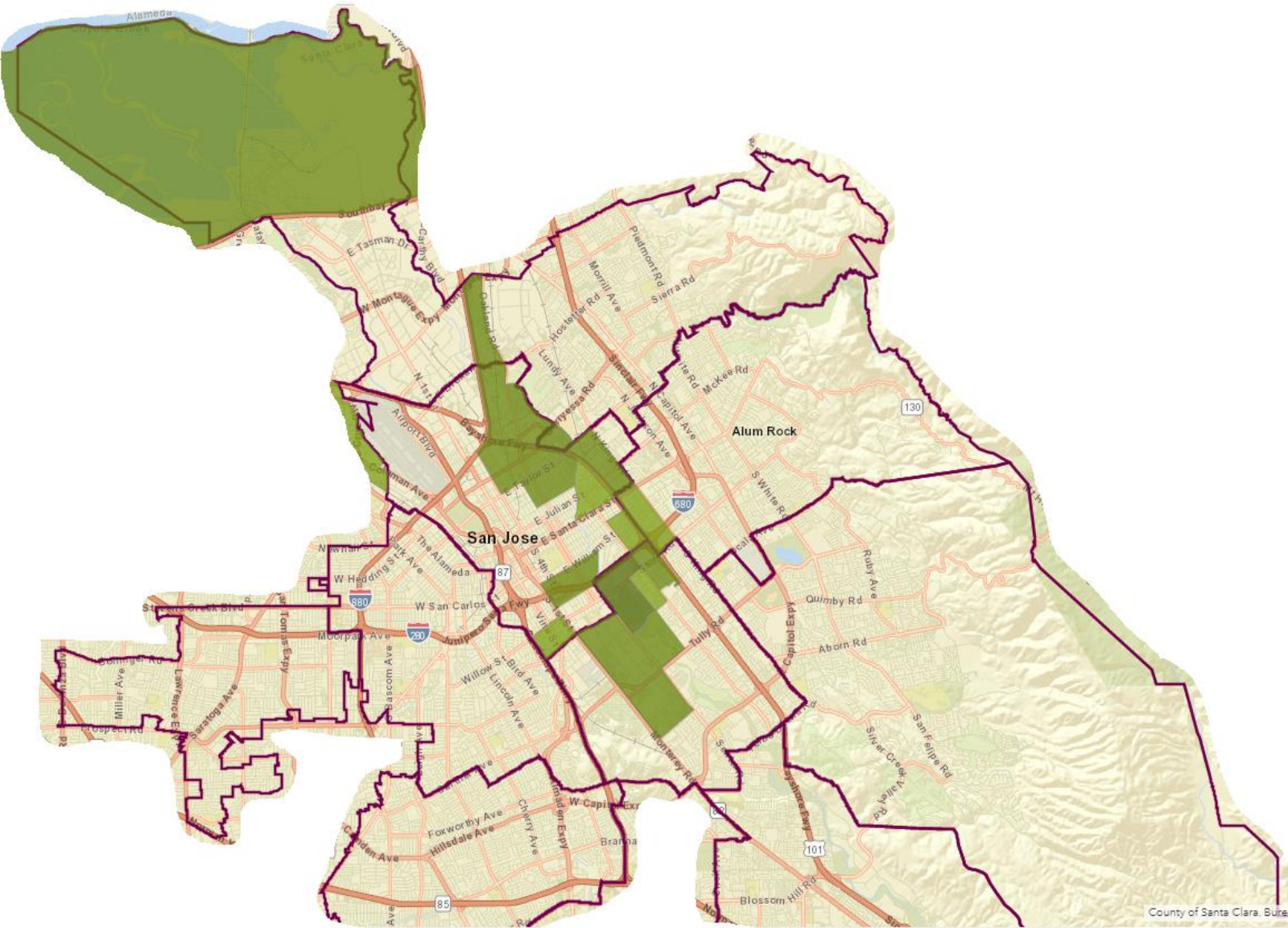
# ASSUMPTION SOURCES

Metrics	SJCE	PG&E	SMUD	PCE	EBCE	MBCP	CEC/DOE	SEPA	State of MA
MWh per EV per year	Internal Calculations	Ev.pge.com			EBCE LDBP	Internal Calculations		“Guide to EV Managed Charging”	
Emission Reductions per EV (Metric ton) per year	Internal Calculations	Ev.pge.com		Internal Calculations		Internal Calculations			
MWh per Electric School Bus per year	Vermont Energy Investment Corporation report								Vermont Energy Investment Corporation report
MWh per HPWH per year	SMUD		SMUD report		EBCE LDBP	Internal Calculations			
Emissions Reductions per HPWH (MT) per year	MBCP analysis					Internal Calculations			
MWh produced per Solar system per year	DOE Paper						DOE paper		



# DAC AND LOW INCOME DEFINITION

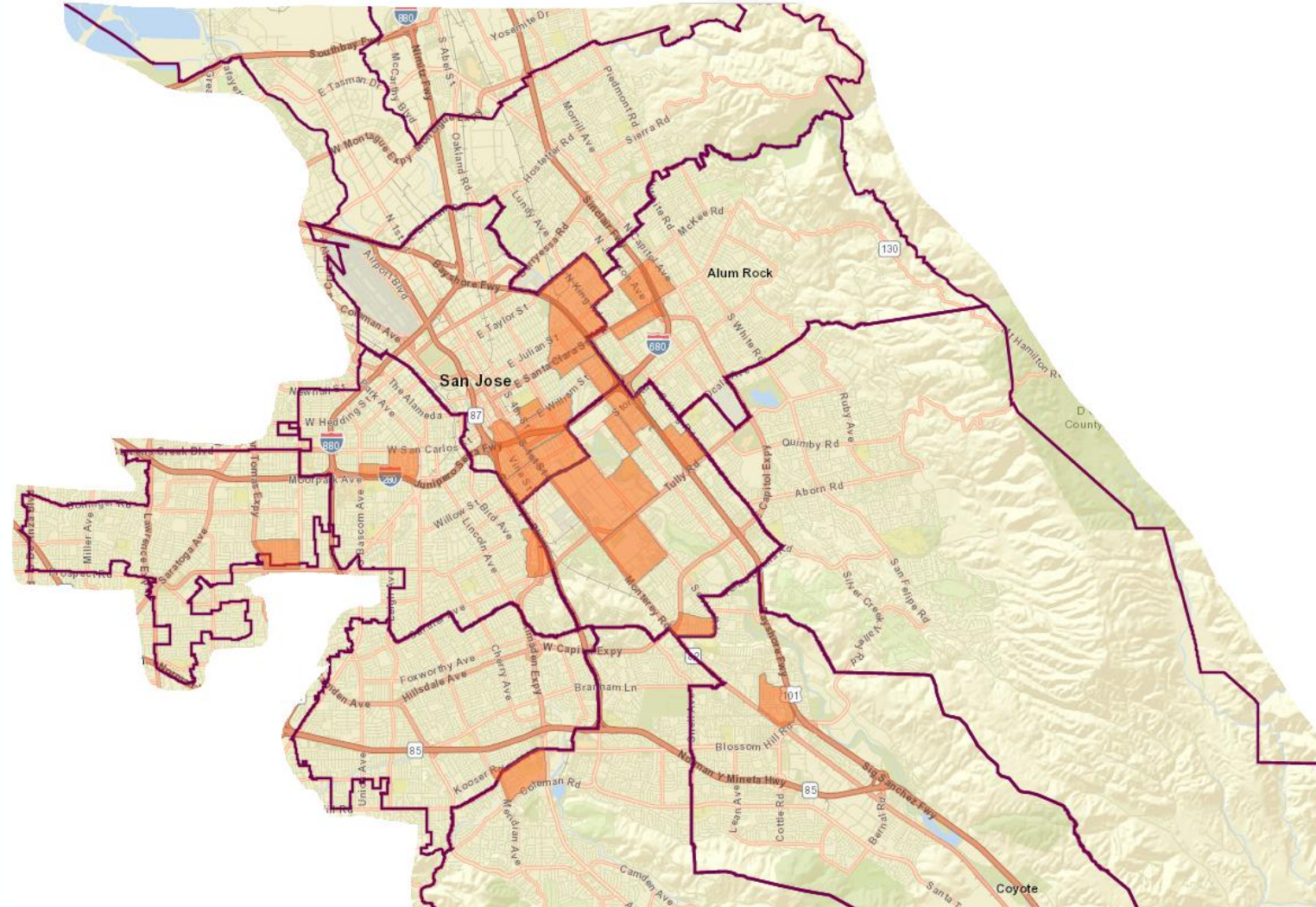
# DISADVANTAGED COMMUNITIES (DAC)



- CalEPA methodology (CalEnviroScreen) to direct Cap-and-trade funds to disadvantaged communities
- Scoring based off indicators related to pollution, environmental effects and socio-economic factors
- DAC are highest 25% of CalEnviroScreen
- San Jose DACs located in Districts 4, 3, 7 and 5



# LOW INCOME COMMUNITIES



- Defined by AB 1550, set at areas at or below 80% of Area Median Income as defined by the California Department of Housing and Community Development
- San Jose Low Income Communities also primarily located in Districts 3, 7 and 5

# SAN JOSE LOW INCOME DEMOGRAPHICS

San Jose Income Breakdown<sup>1</sup>

	Households
	Estimate
▼ Total	327,848
Less than \$10,000	3.3%
\$10,000 to \$14,999	3.0%
\$15,000 to \$24,999	4.5%
\$25,000 to \$34,999	4.7%
\$35,000 to \$49,999	6.8%
\$50,000 to \$74,999	12.6%
\$75,000 to \$99,999	10.0%
\$100,000 to \$149,999	18.2%
\$150,000 to \$199,999	12.6%
\$200,000 or more	24.5%

## CARE Guideline

*200% of Federal Poverty Level*

- <\$42,660 for household of 3
- **20.6%** of San Jose residential customers are in CARE

## City of San Jose Low Income Guideline

*80% of Area Median Income*

- <\$93,550 for household of 3
- ~**35-45%** of San Jose Population<sup>2</sup>

<sup>1</sup>2018 American Community Survey

<sup>2</sup>Rough estimate, average household size is 3.1 in San Jose



**CALEVIP**

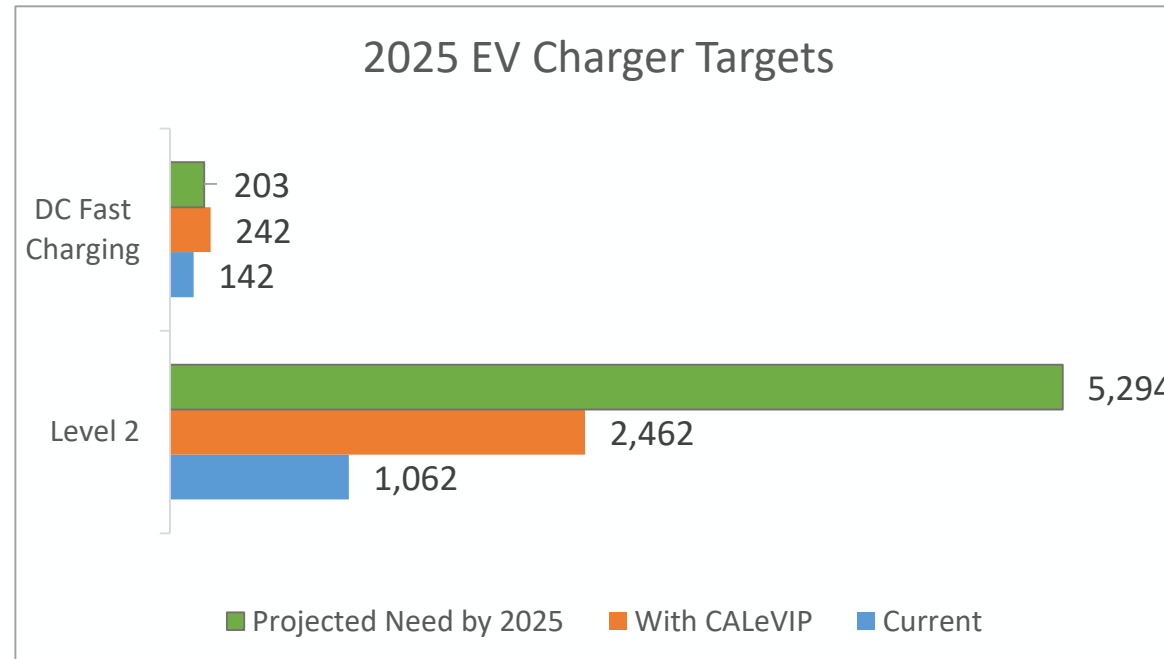


# CALEVIP IMPACT

- EV Adoption

	Present	After CALeVIP	% Increase projected by 2023 supported by CALeVIP
Total Electric Vehicles	23,170	36,590	58%
Level 2 and DCFC chargers	1,204	2,704	125%
Energy used by EVs (GWh)	81	128	58%

- EV Charging Stations in San Jose





# LONG TERM ROADMAP EXAMPLES

# LONG TERM ROADMAP

\* 2-3 Year Project  
Increments

2019-2020

- Promoting
- Education & Awareness

2020-2024

- From pilots to Scaling Ideas

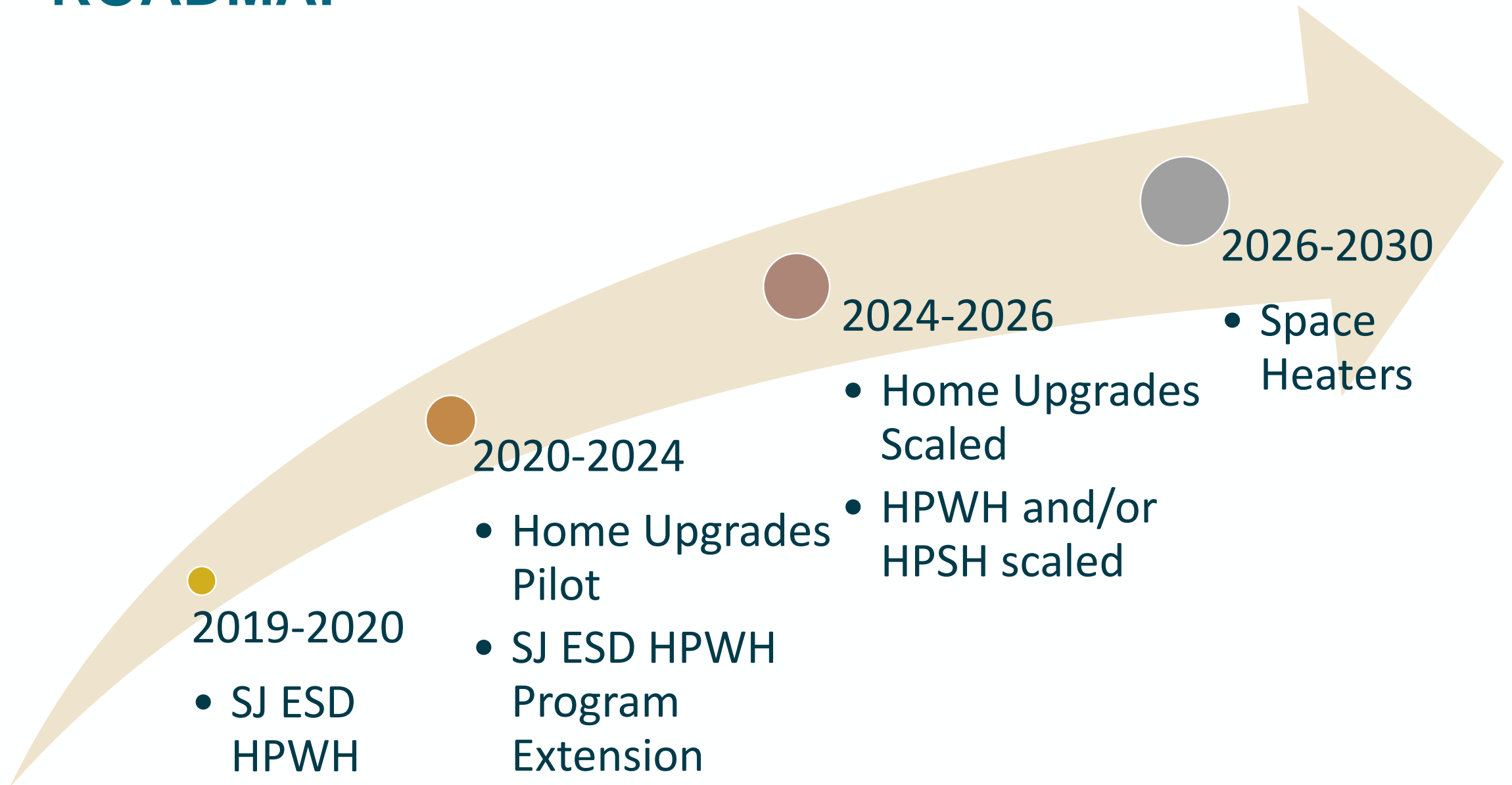
2024-2026

- Shifting to new technologies

2026-2030

- Continued Electrification

# EXAMPLE: BUILDING ELECTRIFICATION ROADMAP



# EXAMPLE: PROGRAM PILOT TO SCALING PATHWAY – HPWH PROGRAM

2019-2020

- ESD Program
- 66 Customers
- Administered by SJCE Staff

2021-2022

- SJCE Program
- 100 Customers Targeted
- Administered by SJCE staff

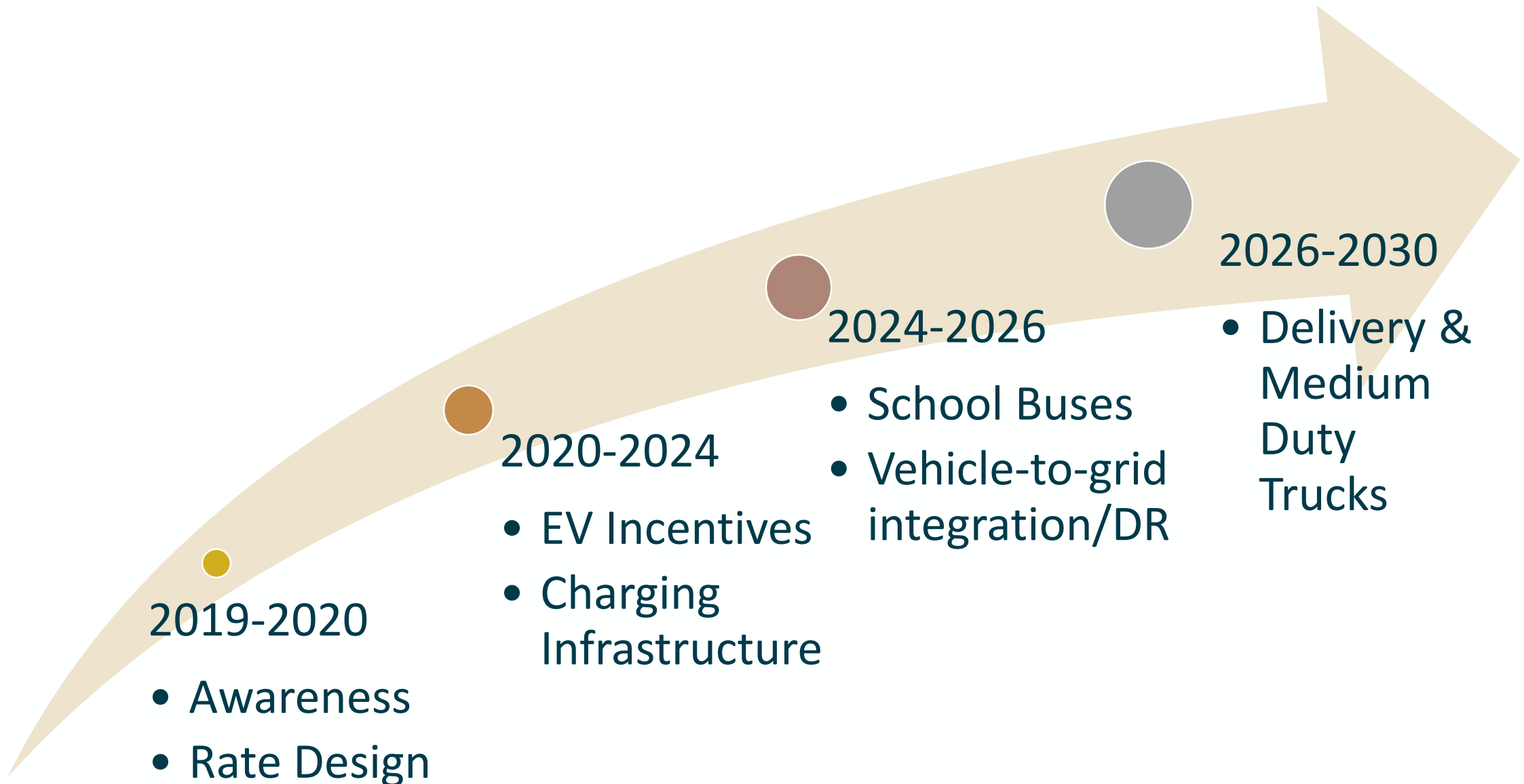
2022-2023

- 400-500 Customers Targeted
- Administered by third party

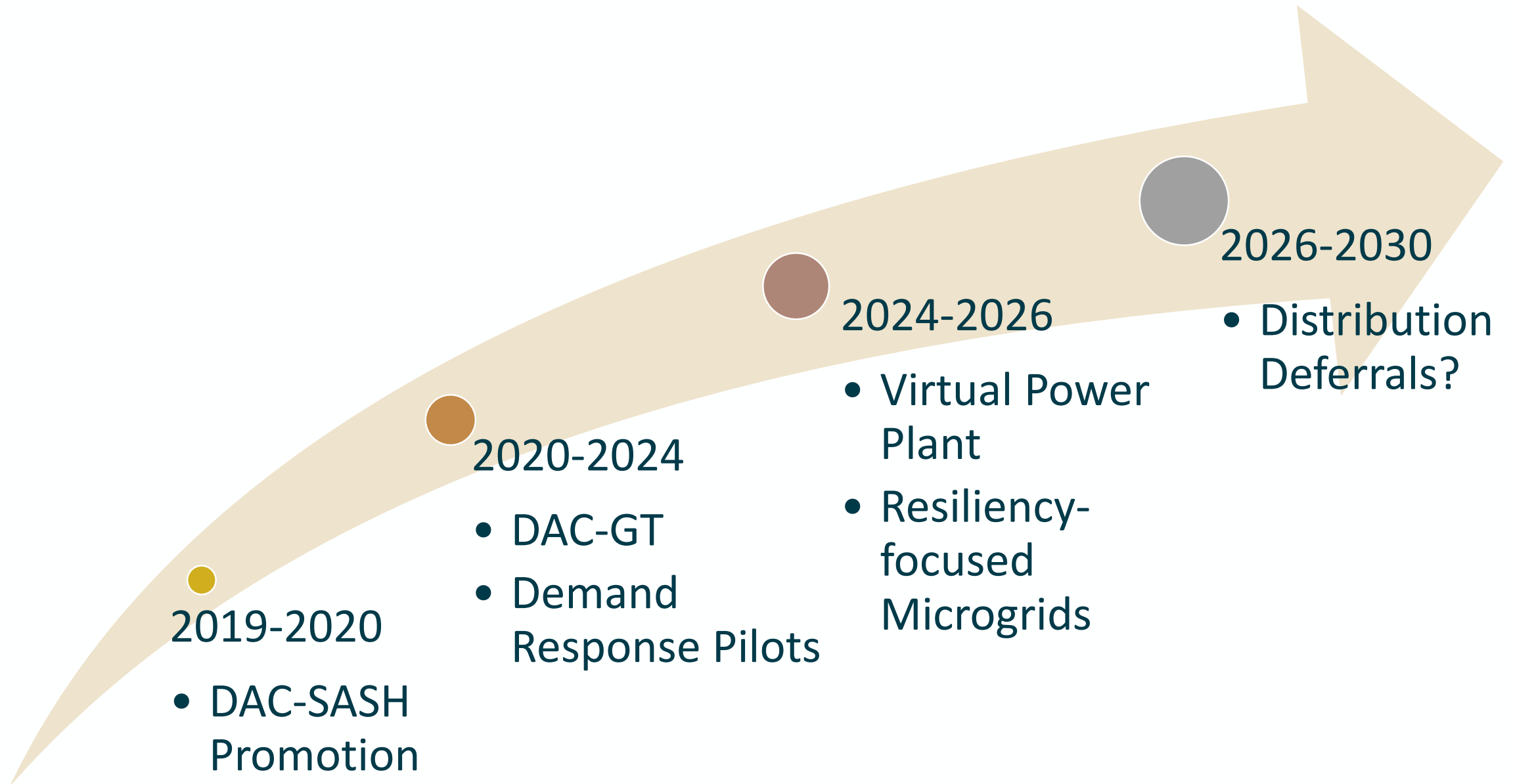
2023-2024

- 400 Customers Targeted
- Start to pivot to next technology- Heat Pump Space Heaters

# EXAMPLE: VEHICLE ELECTRIFICATION ROADMAP



# EXAMPLE: DER/GRID INTEGRATION ROADMAP



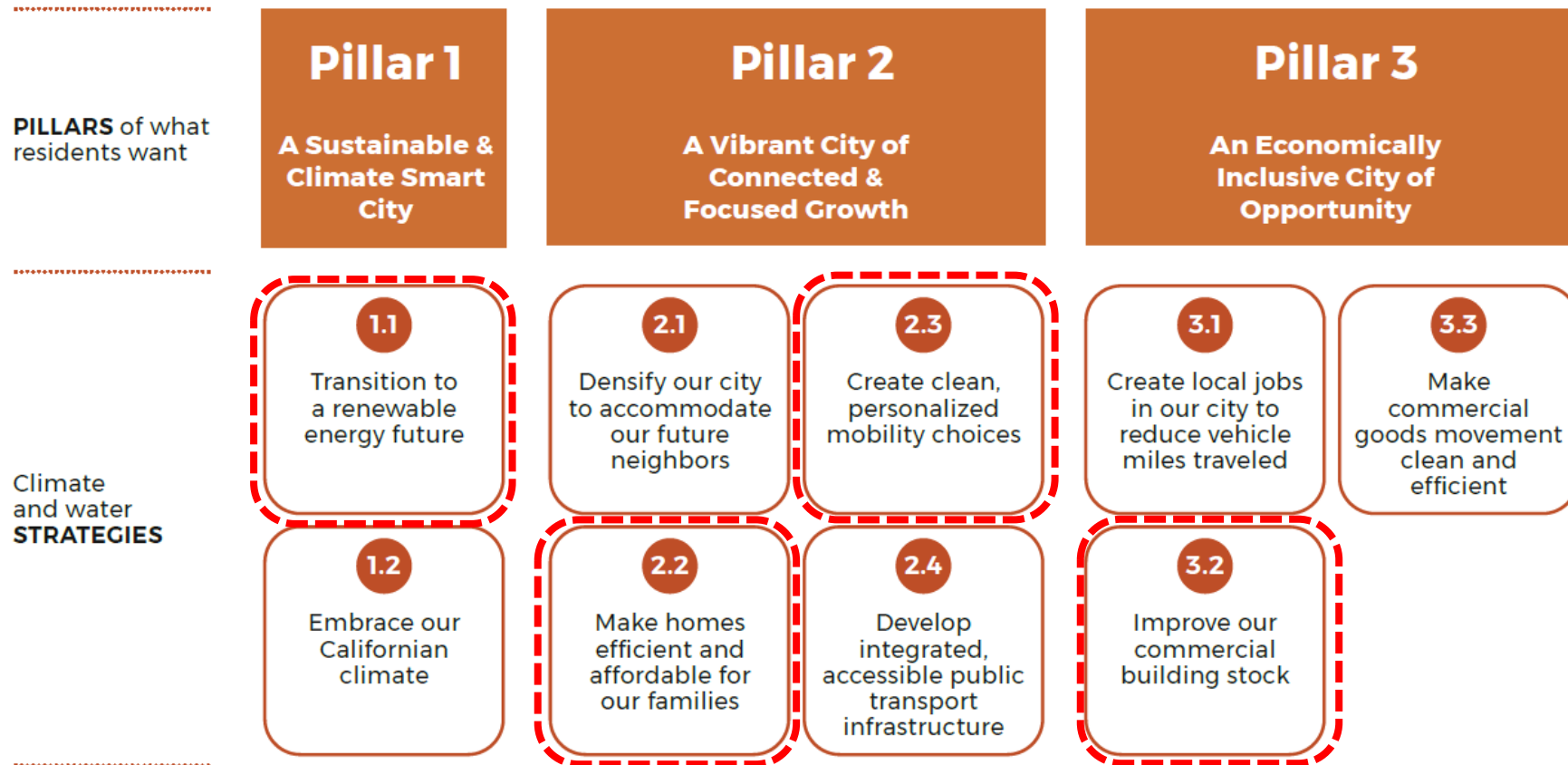


# CCA/STATE/REGIONAL PROGRAM LANDSCAPE



# CLIMATE SMART STRATEGIES

## A Framework for Action: Nine Strategies in Three Pillars



# CLIMATE SMART SAN JOSE STRATEGY ROADMAPS

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*Climate Smart Strategy*



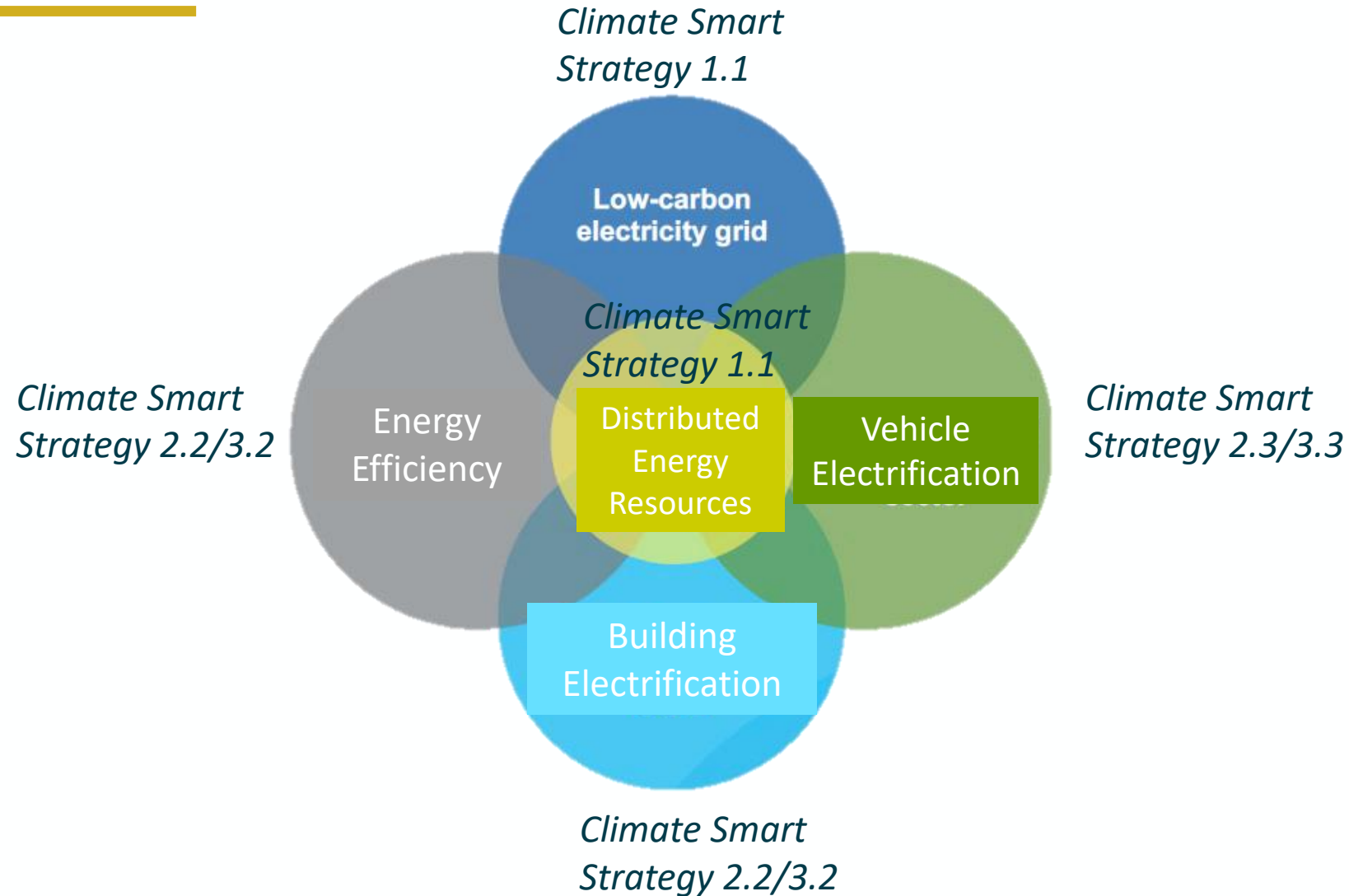
*Relevant Strategy Roadmap*

**1 GW Solar Strategy**

**DOT Electric Mobility Roadmap**

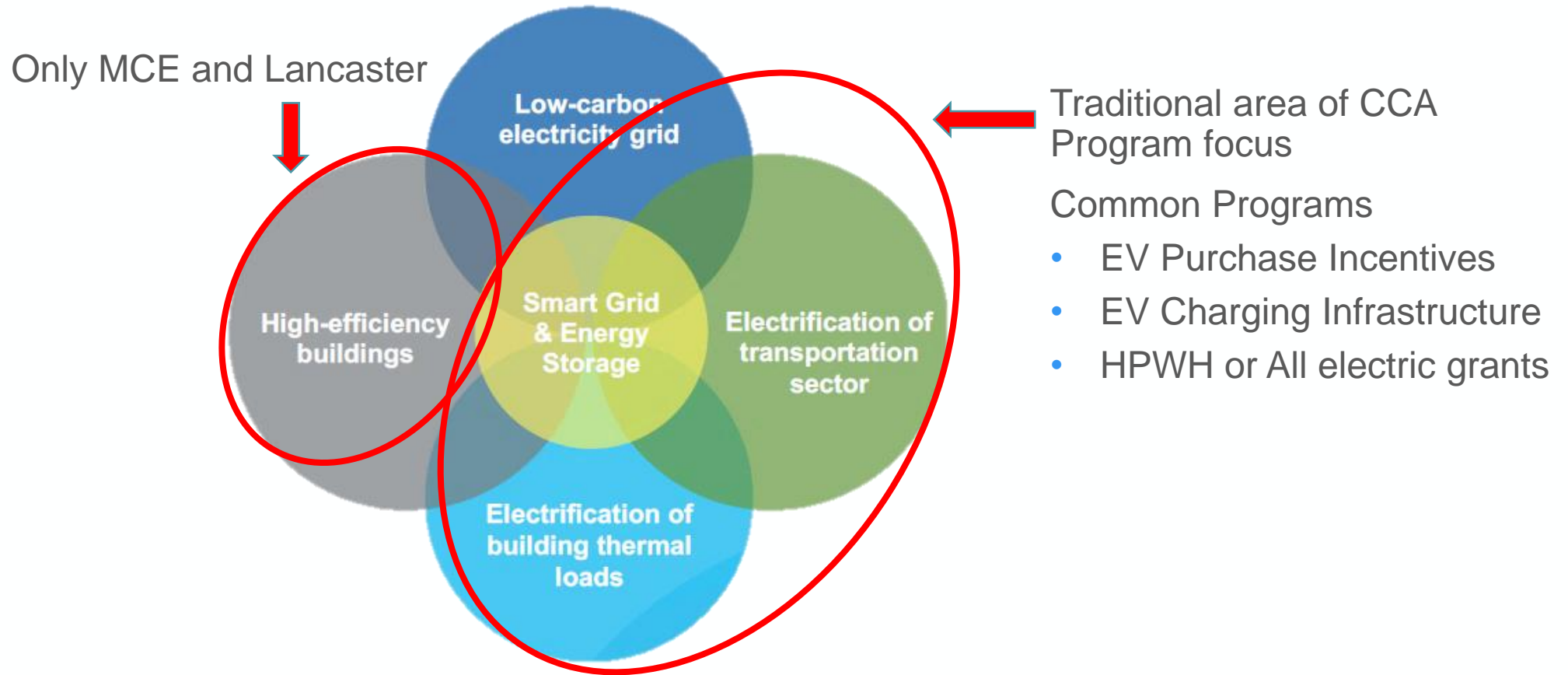
**ACCC-led Building Decarbonization Roadmap**

# CLIMATE SMART AND PROGRAM AREA ALIGNMENT



# CCA PROGRAM LANDSCAPE

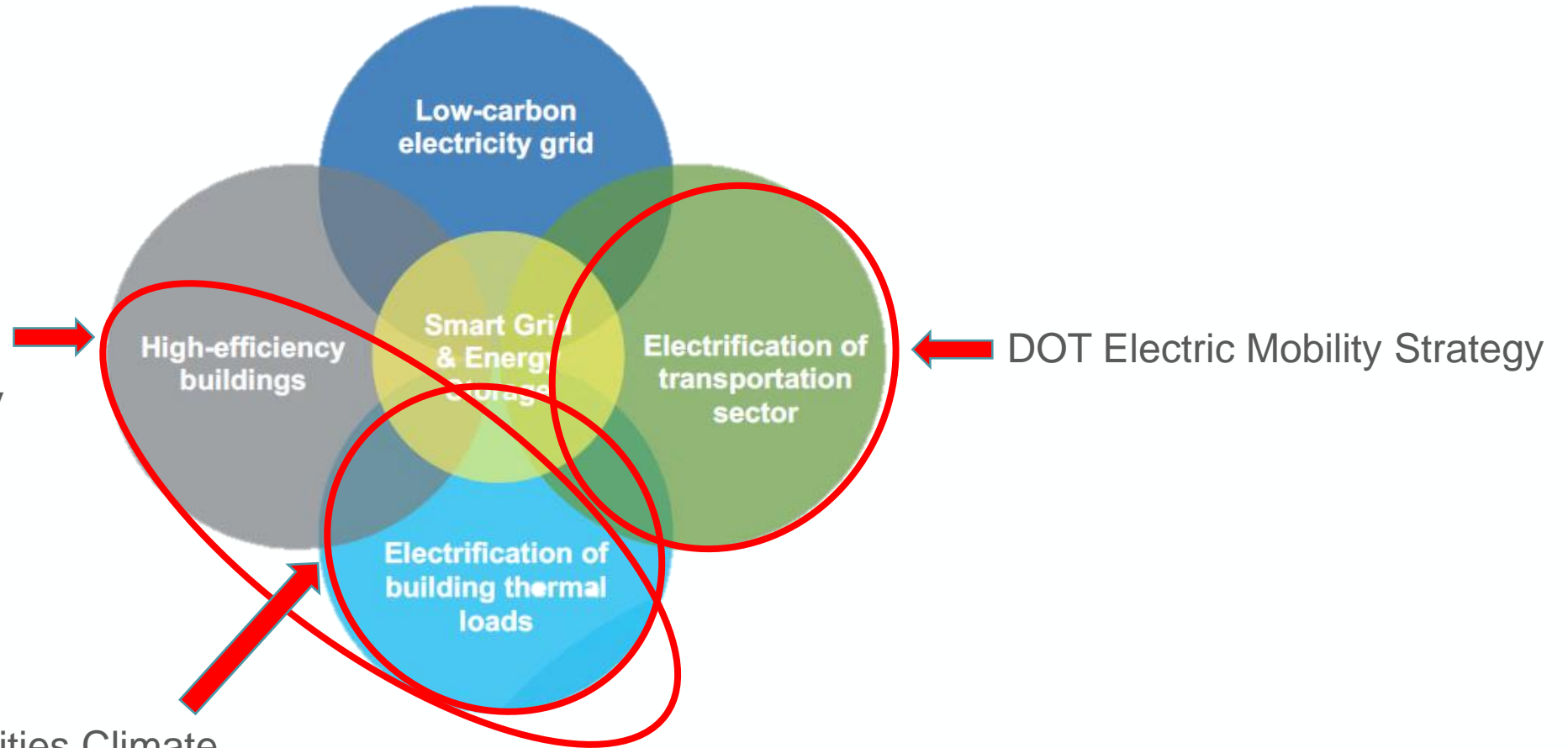
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# SAN JOSE ENVIRONMENTAL SERVICES/TRANSPORTATION PROGRAM LANDSCAPE

## ESD Programs:

- BAAQMD HPWH
- Silicon Valley Energy Watch
- PACE
- Reach Codes



American Cities Climate Challenge-funded Building Decarbonization Roadmap

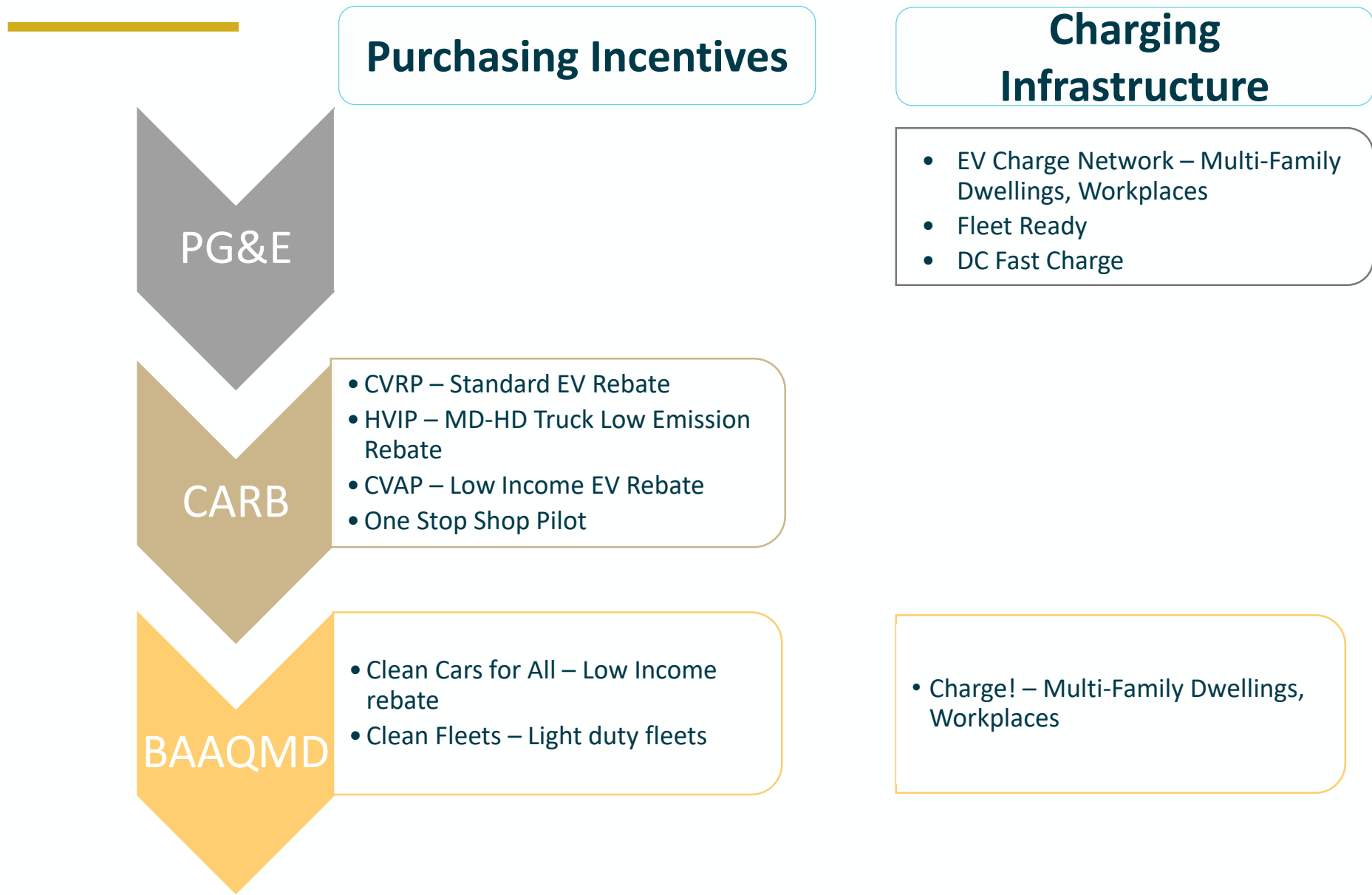
# SAN JOSE DEPT OF TRANSPORTATION E-MOBILITY ROADMAP

## San José Electric Mobility Roadmap

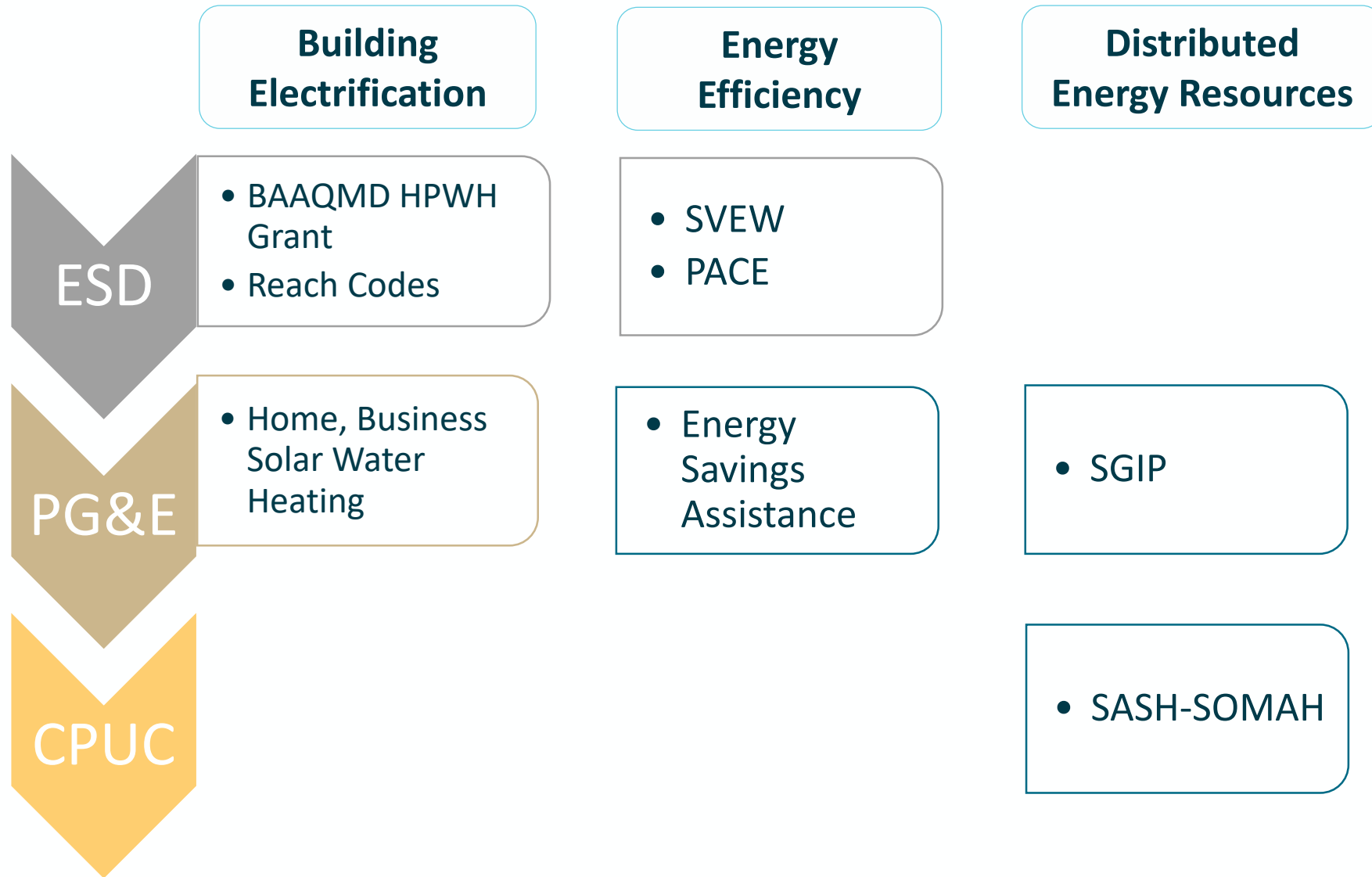
2020-2022



# PROGRAM MAP – VEHICLE ELECTRIFICATION



# PROGRAM MAP - OTHER





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**TO:** HONORABLE MAYOR  
AND CITY COUNCIL

**FROM:** Name of Chairman  
Commission Chairman

**SUBJECT:** TITLE OF REPORT

**DATE:** Date Council Memo is due  
to CMO Agenda Services

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(Use this format if the Commission's recommendation(s) and discussion are more extensive than is practical to include in the Commission Recommendation Summary section of a Staff memo; or if the Commission is providing a recommendation or other comment that is not accompanying a Staff memo)

**RECOMMENDATION**

Indicates recommended City Council action. **THE RECOMMENDATION IS TO BE WORDED AS IT SHOULD APPEAR ON THE AGENDA.** If a resolution or ordinance is required, it must be stated.

**OUTCOME**

This section should detail the results/outcomes of the action that the Commission is recommending to Council. The text should clearly state the product of Council's action.

**EXECUTIVE SUMMARY**

Provides a brief summary of the highlights of the memo/recommendation/report. Include the outcome of any vote and brief summary of relevant discussion.

**BACKGROUND**

Provides a narrative statement describing the nature of the issue and background to date. This section could include, but not be limited to, the reason for the report; what party initiated the item; previous Council consideration or action; any existing policy related to the item; or reference to legal ruling. It is to be limited to factual matters rather than conclusions. If there is an extensive background (more than 1 page) consider using an attachment to provide the background information.

**ANALYSIS**

Present possible solutions to the problem stated under BACKGROUND, information to make Council aware of the ramifications of its decision, significant issues and perspectives that will help Council to understand and take action. If applicable, summarize the policy, procedure or Code Section(s) that is the basis for this action,

### **CONCLUSION**

Provide a narrative which summarizes the report. This section should include what has been found, or decided, and the impact of those findings or decisions.

### **POLICY ALTERNATIVES** (If applicable)

Provides a brief listing of the various courses of action available to the Council based on issues covered in ANALYSIS. Lists some alternatives with potential positive and negative ramifications and projected cost, and why staff decided to go with the recommended action. Use the below format for this section:

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(Name) CHAIR



10 Font 1/2 Inch Margin



COUNCIL AGENDA: 0/0/00

FILE:

ITEM:

# Memorandum

**TO:** HONORABLE MAYOR  
AND CITY COUNCIL

**FROM:** Name of Department  
Director

**SUBJECT: TITLE OF REPORT**

**DATE:** Date Council Memo is due  
to CMO Agenda Services

---

Approved

Date

---

**COUNCIL DISTRICT: #**

**REASON FOR ADDENDUM** (If applicable)

Explains reason for consideration by Council outside normal Administrative Process Timeline. This section should explain clearly and precisely the reason why this item needs to be added to the next Council Agenda. The section should detail the urgency of obtaining Council action.

**REASON FOR SUPPLEMENTAL OR REPLACEMENT** (If applicable)

Explains reason for providing supplemental information to the original report, or the need for an entire replacement report.

**RECOMMENDATION** (Mandatory)

Indicates recommended City Council action. **THE RECOMMENDATION IS TO BE WORDED AS IT SHOULD APPEAR ON THE AGENDA.** If a resolution or ordinance is required, it must be stated.

**OUTCOME** (Mandatory)

This section should detail the results/outcomes of the action that staff is recommending to Council. The text should clearly state the product of Council's action.

**EXECUTIVE SUMMARY** (If background and analysis total more than 5 pages)

Provides a brief summary of the highlights of the report when the BACKGROUND and ANALYSIS sections total more than 5 pages. If the report is lengthy or if staff's report is

transmitting a complex audit, report, study, etc. a brief summary should be included so that Council is able to read a high-level summary of the report.

**BACKGROUND** (Mandatory)

Provides a narrative statement describing the nature of the project or problem and background to date. This section is to include, but not be limited to, the reason for the report; what party initiated the item; previous Council consideration or action; any existing policy related to the item; or reference to legal ruling. It is to be limited to factual matters rather than conclusions. If there is an extensive background (more than 1 page) consider using an attachment to provide the background information.

**ANALYSIS** (Mandatory)

Present possible solutions to the problem stated under BACKGROUND. Provide information to make Council aware of the ramifications of its decision. If applicable, summarize the policy, procedure or Code Section(s) that is the basis for this action. For award of contract memos, include a list of all bids received, showing the name of the bidder, location of the bidder and amount for each bid. Show the Engineer's Estimate and explain any unusual difference between the bid amounts and Engineer's Estimate. Make sure numbers add to the proper amounts. For request for proposals (RFPs), include evaluation criteria and scoring results.

**CONCLUSION** (Mandatory)

Provide a narrative which summarizes the report. This section should include what has been found, or decided, and the impact of those findings or decisions.

**EVALUATION AND FOLLOW-UP** (Mandatory)

Provide a brief statement describing any performance measures this project addresses. If this is an item returning to Council, please note any follow-up action that staff has taken to address Council comments and directives when it was last presented to Council. For returning and new items, explain when this issue will report back and how, through Council, Committee or Information Memorandum.

**CLIMATE SMART SAN JOSE** (Mandatory)

Evaluate the recommendation in the memo against the following statements:

- It facilitates the reduction of energy or water use consumption, or increases the demand for renewable energy
- It increases the density of new development (persons/jobs/acre)
- It reduces Vehicle Miles Traveled (VMT)
- It facilitates the energy and water efficiency of homes or commercial buildings
- It facilitates the choice of mobility choices other than single-occupancy, gas-powered vehicles
- It facilitates job creation within City limits
- It facilitates making commercial goods movement clean and efficient

**Choose one of the following statements:**

If the memo's recommendation **supports** any of the above statements, enter:

"The recommendation in this memo aligns with one or more Climate Smart San José energy, water, or mobility goals."

If the memo's recommendation has **no effect** on any of the above statements, enter:

"The recommendation in this memo has no effect on Climate Smart San José energy, water, or mobility goals."

If the memo's recommendation **contradicts** any of the above statements, enter:

"The recommendation in this memo may negatively impact one or more Climate Smart San José energy, water, or mobility goals" and add a sentence or two on why the City should still move forward with the recommendation, and include any alternative approaches that would have less impact.

**POLICY ALTERNATIVES** (If applicable)

Provides a brief listing of the various courses of action available to the Council based on issues covered in **ANALYSIS**. Lists some alternatives with potential positive and negative ramifications and projected cost, and why staff decided to go with the recommended action. Use the below format for this section:

*Alternative #: (Description)*

**Pros:**

**Cons:**

**Reason for not recommending:**

**PUBLIC OUTREACH** (Mandatory)

The purpose of this section is to describe discussions that have occurred with the public, stakeholders, community groups and/or other governmental agencies. Include the date of the council meeting agenda (ie. This memorandum will be posted on the City’s Council Agenda website for the September 24, 2019 Council Meeting.) For public subsidy items, please provide information memorandum date released.

**COORDINATION** (Mandatory)

Statement indicating City Departments and/or Offices that have been consulted with for the preparation of the report. The Attorney's Office and the Manager’s Budget Office should particularly be mentioned when applicable. (Do not include any agencies, departments or offices that anticipate talking to - only those who have **actually** been coordinated.

**COMMISSION RECOMMENDATION/INPUT** (Mandatory)

Statement indicating the City commission action on the item being heard by Council. Include the outcome of any votes if taken, including the actual vote. Also, include any additional relevant input, suggestions or concerns made by the commission.

If there was no commission input, please use the following statement:

“No commission recommendation or input is associated with this action.”

**FISCAL/POLICY ALIGNMENT** (If applicable)

Provides cost-benefit information and economic impact which includes, but is not limited to, the following: how the expenditure aligns with and affects the City's policy goals, fiscal priorities, long term strategy, and economic development goals and priorities. This section will be based on such guiding principles found in the City’s General Plan, Economic Development Strategy, overall Budget Strategy and other existing guiding principle documents.

**PUBLIC SUBSIDY REPORTING** (If applicable)

The table below addresses the requirements set forth in the Ordinance No. 29460 of the San José Municipal Code – Title 12 “Ethics and Open Government Provisions” concerning Public Subsidies of \$1,000,000 or more.

i. Name/address of benefiting business entity	
ii. Start and end dates for the subsidy	
iii. Description of the subsidy, estimated total amount of expenditure of public funds or revenue lost	
iv. Statement of public purpose	
v. Projected tax revenue	
vi. Estimated number of jobs created, broken down by full time, part-time and temporary positions	

**COST SUMMARY/IMPLICATIONS** (If applicable)

Identifies the fiscal impacts and a cost summary of the recommendation. This should include maintenance costs and source of funding for maintenance costs, matching grant funds and other ongoing costs.

In addition, provides a detailed accounting of all City contracts and expenditures, including but not limited to items of \$1,000,000 or more using the following format (may be modified if needed):

1. AMOUNT OF RECOMMENDATION/COST OF PROJECT:
  - Project Delivery
  - Construction (if applicable)
  - Contingency (if applicable)
  - Total Project Costs

2. COST ELEMENTS OF AGREEMENT/CONTRACT:

This section shall reflect the cost or price elements as identified in the Compensation Schedule of the agreement/contract (below are sample elements). Should tie to the recommendation.

- Sub Project/Phases
- Management
- Equipment
- Software

Maintenance  
 Service  
 Labor Rates (If applicable – use separate table detailing  
 labor rates)  
 Taxes and Fees\*  
**TOTAL AGREEMENT/CONTRACT AMOUNT**

\*The taxes and fees cost element is estimated based on the entire or portions of the agreement/contract value, which require the payment of taxes and fees.

3. **SOURCE OF FUNDING:** This section lists the fund number and name of the funds being recommended for the cost/project.
4. **FISCAL IMPACT:** This section describes the operations and maintenance impacts as a result of the recommended project. It should also indicate the fund that the operations and maintenance costs will be budgeted in.

**BUDGET REFERENCE** (If applicable)

(Capital Project or Operating Appropriation Dedicated to Specific Project/Program – No Appropriation Adjustment)

The table below identifies the fund and appropriations to fund the contract recommended as part of this memo and remaining project costs, including project delivery, construction, and contingency costs.

Fund #	Appn #	Appn. Name	Total Appn	Amt. for Contract	2013-2014 Adopted Capital Budget Page	Last Budget Action (Date, Ord. No.)
<b>Remaining Project Costs</b>			<b>\$1,548,558</b>			
<b>Remaining Funding Available</b>						
375	7414	West Evergreen Park	\$173,000	\$173,000	V-575	10/08/2013 Ord. No. 29320
385	7422	West Evergreen Park	\$1,562,000	\$1,027,000	V-418	10/08/2013 Ord. No. 29320
<b>Total Current Funding Available</b>			<b>\$1,735,000</b>	<b>\$1,200,000</b>		

(Capital Project or Operating Appropriation Dedicated to Specific Project/Program – With Appropriation Adjustment)



Fund #	Appn #	Appn Name	Current Total Appn	Rec. Budget Action	Amt for Contract	2013-2014 Adopted Capital Budget Page	Last Budget Action (Date, Ord. No.)
<b>Remaining Project Costs</b>			<b>\$865,000</b>				
375	7628	TRAIL: Guadalupe River – Tasman Under-Crossing Engineering	\$85,000	N/A	N/A	N/A	10/08/2013 Ord. No. 29320
381	NEW	TRAIL: Guadalupe River Under-crossing (Tasman Drive)	N/A	\$520,000	\$520,000	N/A	N/A
465 (Memo Fund 349)	NEW	TRAIL: Guadalupe River/ Tasman Under-crossing	N/A	\$260,000	\$7,650	N/A	N/A
<b>Total Current Funding Available</b>			<b>\$85,000</b>				
<b>New Funding to be Appropriated</b>				<b>\$780,000</b>			
<b>TOTAL FUNDING</b>				<b>\$865,000</b>			
<b>Source of New Funding</b>							
381	8999	Unrestricted Ending Fund Balance	\$2,719,666	(\$520,000)	N/A	V - 382	4/22/2014 Ord. No. 29405
465 (Memo Fund 349)	8262	North San José Traffic Impact Fees Reserve	\$27,114,707	(\$260,000)	N/A	V - 795	02/11/2014 Ord. No. 29378
<b>Total</b>				<b>(\$780,000)</b>			

**CEQA** (Mandatory)

Environmental status granted by the Planning, Building and Code Enforcement Department. The appropriate citation is to be noted on the memo.

DEPARTMENT DIRECTOR  
 Title, Department

For questions, please contact Name, Title, at (408) 000-0000.

**COMMUNITY ADVISORY  
COMMISSION UPDATE:  
LEGISLATIVE & REGULATORY**

**January 14, 2020**



# LEGISLATIVE UPDATE

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## Two Year Bills introduced in 2019 and active in 2020

- **AB 56 (E. Garcia):** Central buyer for all resources. Currently in the Senate Energy Committee. Likely heard later this summer.
- **SB 350 (Hertzberg):** Central buyer for resource adequacy. Currently in Assembly Energy Committee. Likely heard later this summer.
- **AB 352 (E. Garcia):** Wildfire Protection, Safe Drinking Water, Drought Preparation, and Flood Protection Act of 2020. Senate Environmental Quality. No hearing date set yet.
- **SB 774 (Stern):** Expediting microgrid deployment. Currently in Assembly Energy. Likely heard later this summer.

# LEGISLATIVE UPDATE

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## Two Year Bills must pass House of Origin by Jan 31, 2020

- **SB 378 (Wiener):** PSPS events; ratepayer protections. In Senate Energy Committee. Hearing scheduled January 15, 2020.
- **SB 592 (Hueso):** Pumped hydro storage; San Vincente Reservoir. In Senate Energy Committee, but pulled from the calendar. Vehicle likely dead for the year.
- **SB 605 (Hueso):** Expedited PUC hearings for catastrophic wildfire proceedings. Currently in Senate Energy Committee. Hearing January 15, 2020.
- **SB 702 (Hill):** RPS long-term contract requirement exemptions for direct access. Currently in Senate Energy Committee. Hearing January 15, 2020.

# LEGISLATIVE UPDATE

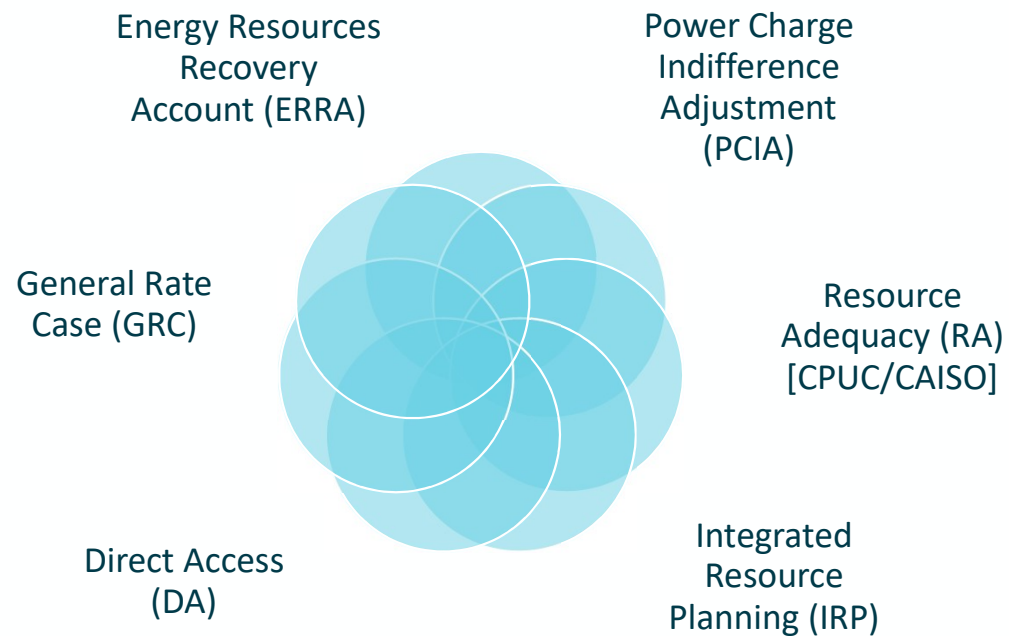
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## 2020 new introductions bills

- **SB 801 (Glazer):** Medical baseline customers; backup electricity and financial assistance
- **SB 802 (Glazer):** Health facilities; emergency backup generators
- **SB 804 (Wiener):** Rate reduction bonds; utility infrastructure investments

# REGULATORY PROCEEDINGS IMPACTING SJCE

Procurement Requirements, Cost Allocation, System Reliability and GHG Reduction Rules



# CPUC TARIFF PROCEEDINGS IMPACTING SJCE

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## **PG&E ERRA 2020, A.18-05-003 (2 Tracks):**

- **ERRA Forecast:** PG&E revenue requirements to cover expected costs define 2020 PCIA, potential for 70% increase in 2020
- **ERRA Compliance:** 2020 ERRA forecast results are compared to actuals and trued up in the 2021 ERRA forecast

## **PG&E GRC 2020, A.18-12-009 (2 Tracks):**

- **GRC Phase 1:** proceeding authorizes increased rates and charges over next three years, beginning Jan 01, 2020.
- **GRC Phase 2:** proceeding sets marginal costs, revenue allocation, and rate design over next three years, including cost allocation between IOU customers and CCA customers.

## **PCIA Reform, R.17-06-026 (3 Working Groups):**

- **RA and RPS Market Price Benchmarking (WG 1):** Part one concluded in Oct 10, 2019, Part two pending.
- **PCIA Pre-payment (WG 2):** Proposed Decision expected Q1 2020
- **Portfolio Optimization (WG 3):** Final Report to CPUC on January 30, 2020, PD expected Q2 2020, implementation in 2021.

# CPUC MARKET DESIGN PROCEEDINGS

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## **Direct Access, R.19-03-009 (2 Tracks):**

- **DA Ruling (Track 1):** CPUC expanded DA to 4,000 GWh for commercial customers, phased in over DATES
- **DA Report to Legislature (Track 2):** CPUC exploring expanded commercial DA, report to Legislature June 2020.

## **Integrated Resource Planning, R.16-02-007 (3 Tracks):**

- **Compliance (Track 1):** May 1, 2020 submission to CPUC, potentially joint CCA IRP proposal, August 1, Annual RPS Compliance Report results included in 2019-20 IRP Plan.
- **Procurement (Track 2):** July 22, 2019 comments on June 20, 2019 CPUC IRP Ruling which initiated resource procurement track in 2017-18 IRP docket. IRP procurement discussions overlap with RA and PCIA proceedings. CAISO 2019-20 Transmission Planning Process (TPP), RA deliverability and RA enhancement rules overlap with IRP .

## **Resource Adequacy, R.17-09-020 (3 Tracks):**

- **RA Refinement (Track 1):** Refined Local RA procurements
- **RA Central Buyer (Track 2):** No CPUC Ruling on Central Procurement Entity (CPE) Settlement Proposal
- **RA Sales Framework (Track 3):** New RA OIR that will address issues not covered by settlement, potential reform