

The background of the slide is a photograph of a woman with short grey hair, wearing a brown long-sleeved shirt and dark pants, standing in a lush garden. She has her arms crossed and is looking upwards towards a house on a hill in the background. The garden is filled with various plants, including tall orange grasses, yellow daisies, and red flowers. A white birdbath is visible in the foreground. The overall scene is bright and sunny.

Clean Power Alliance

**Local Programs Strategic Plan Process
Community Advisory Committee Meeting**

What are we seeking to accomplish with the Local Programs Strategic Plan?

- We want to ultimately have a five year strategic plan that guides customer programs and investments from 2020-2025 that CPA's board approves.
- We want a broad, outcomes driven plan that guides our five year vision, rather than focus on one singular program or technology.
- It will be informed by both the stakeholder input we gather and Arup's rigorous study of existing CCA programs and development of a comparative tool for how to prioritize future programs.
- This will include looking at need, equity, cost, GHG reduction potential, alignment with member agency sustainability goals, and workforce development, amongst other factors.
- The plan will include a decision making process for CPA in weighing these multiple factors in prioritizing programs to develop.
- Those programs will then engender their own stakeholder input processes and analyses.

So, what's possible?



What programs are already out there?

Prospective Customer Programs offered by Other CCAs

	CleanPowerSE	Lancaster Choice Energy	Peninsula Clean Energy	Marin Clean Energy	Sonoma Clean Power	Apple Valley Choice Energy	East Bay Community Energy	Silicon Valley Clean Energy	Pioneer	PRIME	Redwood Coast Energy Authority	Solana Energy Alliance	Monterey Bay Community Power	Clean Power Alliance	San Jose Clean Energy
Budget Billing	In dev.	✓			In dev.						In dev.				
Battery Storage Rate				✓											
Customer Load Shifting				✓	✓										
Demand Response			In dev.	In dev.			In dev.	✓			✓				
EV Bus Program		✓													
EV Incentives		In dev.	In dev.	✓	✓								In dev.		2019-20
EV Load Shifting				✓	✓										
Energy Efficiency		In dev.		✓	✓					In dev.	✓				
Low-Income & Multifamily EE				✓						✓	✓				
Feed-In Tariff	In dev.			✓	✓						In dev.		In dev.		
Fuel Switching				✓	✓			In dev.			✓		In dev.		2019-20
Low Income Solar Incentives	✓		In dev.	✓			2019			✓					
On Bill Repayment	In dev.			✓	In dev.						✓				
Community Outreach Grants			✓						In dev.						
Community Energy Grants			In dev.						In dev.						

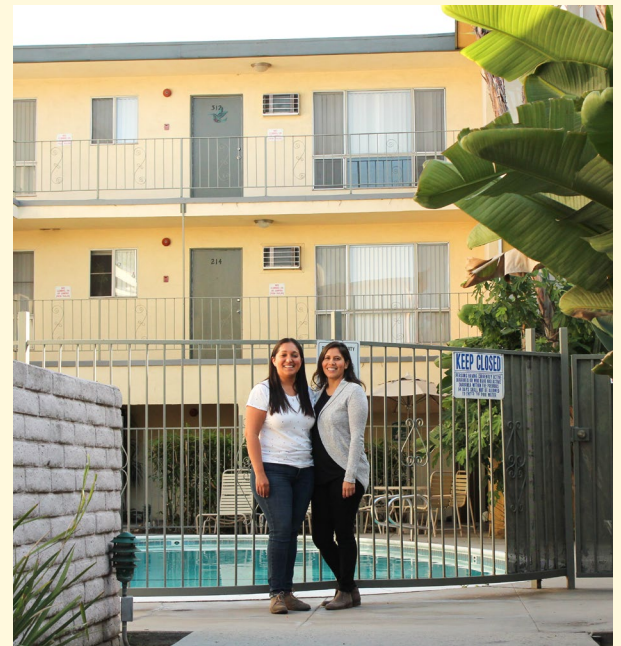
Community Engagement Process

Goal setting workshops:

- CPA CAC Workshop **June 13**
- LA Public Workshop **June 18**
- CPA Board Workshop **June 28**
- Ventura Public Workshop **July 25**
- Subject Matter Focus Groups **June-July**
(Environmental, Environmental Justice/Community, and Labor)

On-Line Survey (*English, Spanish, and Chinese*):

- On CPA's website—pass it on!
<https://bit.ly/2X2pBOh>



Goal for Today's Conversation

We want to hear from YOU:

- What are the biggest challenges in your communities?
- What are the most important ways that CPA can help?
- What should CPA programs accomplish?



Specific Areas of Focus

- **Environment**
- **Equity**
- **Economy**
- **Resilience**

Note: These are all interrelated. We are taking them one by one to allow greater focus.



This Session is NOT

- About specific technologies
- Time to start designing programs

This Session IS

- About identifying critical issues
- Time to articulate guiding principles for CPA programs
- What should CPA programs accomplish?

Topic 1: Environment

- What environmental challenges are most critical in your communities?
- What should CPA programs accomplish to address these challenges?



Topic 2: Social Equity

- Which socioeconomic inequities are most prominent in your communities? Particularly regarding energy?
- What should CPA programs accomplish to address these challenges?



Topic 3: Resilience

- Which climate related disasters does your community face?
- What should CPA programs accomplish to help our customers mitigate these challenges?



Topic 4: Economic

- What economic issues are most prominent in your communities?
- What should CPA programs accomplish to address these challenges?



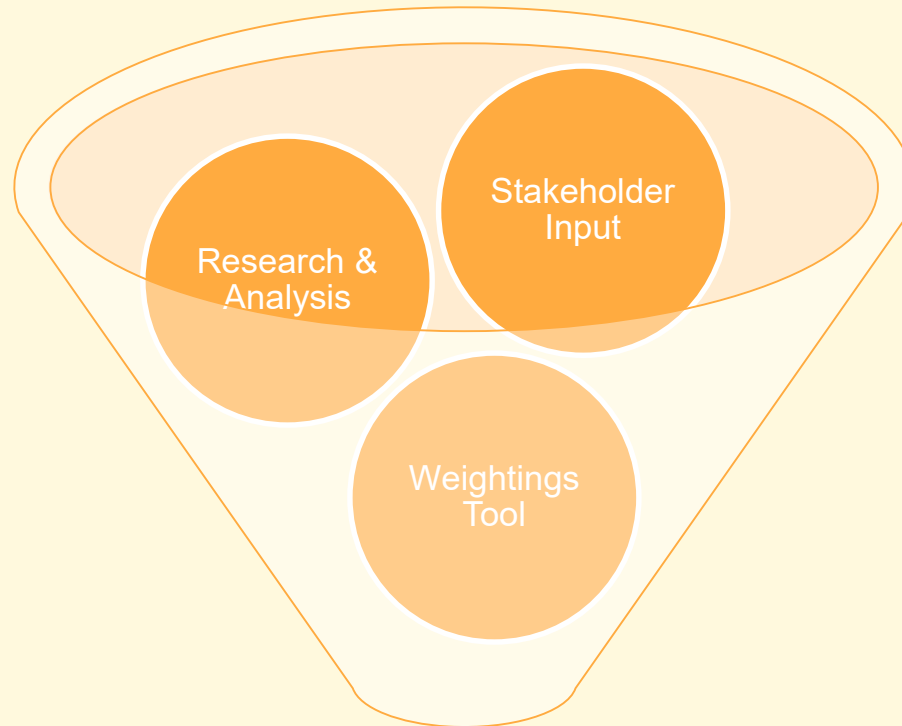
What else? Is there anything missing?

Pulling It All Together

- Which words/concepts that we have come up today are most important to you?
- Given what we have discussed, what do you think CPA programs should accomplish?
 - 2 minutes each



Next Steps & Timeline



Guidance & Recommendations
Fall 2019; Return back to the
CAC in September

Questions?
Thank you!

Background slides

Recap from the last CAC Meeting: Four Ways CPA Can Invest to Achieve Our Goals

- **Rates**, e.g. the creation and use of new rates to support programs, investments, customer behavior
- **Procurement**, e.g. purchasing electricity and energy storage from specific types of technologies within our service territory and/or Los Angeles Ventura Counties
- **Investment of net revenue into programs**, to support up-front investment necessary to launch and/or operate local programs. Could be direct expenditure by CPA or in the form of customer rebates/incentives
- **Administration of public programs funded by state agencies**, e.g. GHG reduction programs funded through CPUC, California Energy Commission, California Air Resources Board

Metrics

Outputs	Working Definition	Notes/Details
Program ROI	Program NPV	NPV for CPA should include all costs (capital, start up, operations) and revenues (e.g., electric sales). Monetize benefits that have real value. Reflect grant funding or other co-investment by external parties.
Customer Financial Impact	Average annual bill savings or cost increase per customer (individual bill-payer) measured against the current cost baseline (customer NPV)	Calculation should account for capital investment, any co-investment by customer, and benefits (e.g., reduced fuel usage/cost, energy savings)
Job Creation Score	Number of jobs created by program	One job=one year FTE equivalent. Further questions to consider: how to quantify/calculate workforce development, temporary vs. permanent; direct, indirect or both
Wage-Impact Score	Program's impact on wages	Measures the type of job created. Consider scoring based on wage blocks.
Equity: DAC Populations Served	Disadvantaged populations covered by the program	Assign points to categories of populations based on their level of need.
Equity: Locational DAC Score	Location of served population(s)	Assign scores to prioritize program concepts that target specific DAC locations with better incentives or other benefits
GHG Benefits	Metric tons CO ₂ e reduced by program	Specific methodology TBD. Additional discussion needed
Criteria Pollutant Score	Air quality benefits created by the program	Sox, Nox, PM ₁₀ , PM _{2.5} , maybe ozone; rolled up
Feasibility Score	Likelihood of the program's adoption/success	Score based on program's alignment with specific feasibility factors including: sufficient local resources, public awareness, collaboration potential, evaluability, implementer's qualifications, level of effort required by customer, administrative needs. Programs must achieve minimum threshold (TBD) score to move forward
Resiliency Score	Program's impact on local resiliency	Score based on program's alignment with specific feasibility factors including: emergency back up power, islanding, fire mitigation, others TBD

Our Board identified focus areas for local programs:

1. Positively impact air quality and improve public health
2. Through electrification, reduce GHGs and fossil fuel use in transportation and buildings
3. Address underserved population/market segments (e.g. renters, multi-family buildings, disadvantaged communities)
4. Help cost-effectively manage increasing reliance on intermittent electricity resources
5. Leverage other funding sources but don't duplicate other programs to serve customer needs
6. Partner with CPA member agencies for implementation to help address local needs, disaster preparedness, resiliency and sustainability

Ground rules for group work:

- Be kind and respectful
- You are all experts
- No one has all the answers
- Listen actively
- Use “yes, and...”