MEETING of the Community Advisory Committee of the Clean Power Alliance of Southern California

Thursday, November 14, 2019
1:00 p.m.
555 W. 5th Street, 35th Floor,

Los Angeles, CA, 90013

Meetings are accessible to people with disabilities. Individuals who need special assistance or a disability-related modification or accommodation to participate in this meeting, or who have a disability and wish to request an alternative format for the meeting materials, should contact Christian Cruz at least two (2) working days before the meeting at ccruz@cleanpoweralliance.org or (213) 269-5892. Notification in advance of the meeting will enable us to make reasonable arrangements to ensure accessibility to this meeting and the materials related to it.

PUBLIC COMMENT POLICY: The General Public Comment item is reserved for persons wishing to address the Committee on any Clean Power Alliance-related matters not on today's agenda. Public comments on matters on today's Consent Agenda and Regular Agenda shall be heard at the time the matter is called. Comments on items on the Consent Agenda are consolidated into one public comment period. As with all public comment, members of the public who wish to address the Committee are requested to complete a speaker's slip and provide it to Clean Power Alliance staff at the beginning of the meeting but no later than immediately prior to the time an agenda item is called.

Each speaker is limited to two (2) minutes (in whole minute increments) per agenda item with a cumulative total of five 5 minutes to be allocated between the General Public Comment, the entire Consent Agenda, or individual items in the Regular Agenda. Please refer to Policy No. 8 – Public Comment for additional information.

In addition, members of the Public are encouraged to submit written comments on any agenda item to publiccomment@cleanpoweralliance.org. To enable an opportunity for review, written comments should be submitted at least 72 hours but no later than 24 hours in advance of the noticed Committee meeting date. Any written materials submitted thereafter will be distributed to the Committee at the meeting. Any written submissions must specify the Agenda Item by number, otherwise they will be considered General Public Comment.

Clean Power Alliance Community Advisory Committee
November 14, 2019

Members of the public may also participate in this meeting remotely at the following addresses:

Ventura County Government Center

Channel Islands Conference Room, 4th Floor Hall of Administration

800 South Victoria Avenue, Ventura, CA 93009

Whittier City Hall – Admin Conference Room

13230 Penn Street, Whittier, CA 90602

I.   WELCOME AND ROLL CALL

II.   GENERAL PUBLIC COMMENT

III.   CONSENT AGENDA

1.   Approve Minutes from October 10, 2019 Community Advisory Committee Meeting

IV.   REGULAR AGENDA

2.   Receive Update from the CPA Executive Director

3.   Update on Local Programs Goals and Priorities Strategic Planning Project

V.   COMMITTEE MEMBER COMMENTS

VI.   ITEMS FOR FUTURE AGENDAS

VII.   ADJOURN – NEXT MEETING ON JANUARY 9, 2019

Public Records: Public records that relate to any item on the open session agenda for a regular Committee Meeting are available for public inspection. Those records that are distributed less than 72 hours prior to the meeting are available for public inspection at the same time they are distributed to all, or a majority of, the members of the Committee. The Board has designated Clean Power Alliance, 555 W. 5th Street, 35th Floor, Los Angeles, CA 90013, as the location where those public records will be available for inspection. The documents are also available online at www.cleanpoweralliance.org.

MEETING of the Community Advisory Committee of the

Clean Power Alliance of Southern California

Thursday, October 10, 2019 1:00 p.m.

<u>MINUTES</u>

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I. **WELCOME AND ROLL CALL**

II. Chair David Haake called the meeting to order at 1:06 p.m. and Rigoberto Garcia, Board Secretary, conducted roll call.

East Ventura/West LA County	Angus Simmons (Vice Chair)	Absent
East Ventura/West LA County	Laura Brown	Absent
East Ventura/West LA County	Lilian Rodriguez	Absent
San Gabriel Valley	Richard Tom	Present
San Gabriel Valley	Robert Parkhurst (Vice Chair)	Present
West/Unincorporated Ventura County	Lucas Zucker	Remote
West/Unincorporated Ventura County	Steven Nash	Remote
South Bay	David Lesser	Present

South Bay	Emmitt Hayes	Absent
Gateway Cities	Jaime Abrego	Remote
Gateway Cities	Jordan Salcido	Absent
Westside	Cris Gutierrez	Present
Westside	David Haake (Chair)	Present
Unincorporated Los Angeles County	Neil Fromer	Present
Unincorporated Los Angeles County	Kristie Hernandez	Absent

III.   **GENERAL PUBLIC COMMENT**

There were no general public comments.

IV.   **CONSENT AGENDA**

1.   Approve Minutes from September 12, 2019 Community Advisory Committee Meeting

Committee Member Parkhurst requested the minutes be amended and Board Secretary Garcia read the proposed changes into the record.

Motion: David Lesser, South Bay

Second: Richard Tom, San Gabriel Valley

Vote: Item 1 was approved as amended by a unanimous roll call vote.

2.   Receive and File Staff Update on Operational Activities

Committee Member Parkhurst asked regarding the GHG report what the scope is. Ted Bardacke, Executive Director, responded that two independent audits are conducted, an annual official state reporting called the 'Power Source Disclosure' composed of raw data of power renewables and sources; the second audit is composed of two other programs, one called the 'Green-E Certification Program' which certifies the 100% renewable energy procured, and second Climate Registry which monitors the greenhouse gas intensity.

Committee Member Lesser asked what the practical impacts are of the proposed decision regarding Once-through cooling (OTC) plants. Mr. Bardacke responded there are two impacts, the CPUC would ask State Water Control Board to extend four OTC plants, two of which are in CPA service territory. In Redondo Beach it would impact a potential sale, and at Ormond Beach it would impact open space and restoration of the area. Bardacke indicated that the RA projections affect the

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entire State, but the Southern California Edison territory providers are being asked to bear the weight of producing 2,500 MW of new capacity, of which CPA would be responsible for 350 MW. Mr. Bardacke suggested that a silver lining may be that the CPUC wants CCA's to be a part of solution rather than mandating a pro-rated bill to pay. Lastly, Mr. Bardacke indicated CPA would participate in filing a response to CPUC to address concerns.

There were no public comments on the item.

Motion: Neil Fromer, Unincorporated Los Angeles County

Second: Cris Gutierrez, Westside

Vote: Item 2 was approved as submitted by a unanimous roll call vote.

V.   REGULAR AGENDA

3.   Discuss Possible Frameworks for Regional, Sub-Regional, and Local Program Funding Distribution

Mr. Bardacke introduced the item as a brainstorming item, to gather ideas regarding program categorizations for local funding distribution. Mr. Bardacke summarized the categories as Funding, Local Procurement, Resiliency and Grid Management, Electrification, and Education and Technical Assistance. Mr. Bardacke asked underlining questions on how CPA should consider funding distribution, what mechanism should be used, should programs be tailored to specific regions, and insight can the Committee provide to both funding and program types.

Remote location Ventura asked for clarification on if staff is looking for specific programs or a strategy. Mr. Bardacke responded that staff would seek suggestions on strategy as a framework. Committee Member Zucker responded that programs should be tailored at the local level to the member agency and provide an incentive for other agencies to join. Committee Member Nash responded that related the OTC extension, if there was a way to extend local capacity and resiliency at the local level it would force the closure of the Ormond plant. Committee Member Nash added that the lack of EV charging in Ventura County could be tied to the difference in income disparity and demographics should be considered within the strategy.

Committee Member Tom commented that staff should consider what other CCA's are doing and look for opportunities join upcoming projects. He further mentioned the example of EV chargers in Ventura County, a program already exists and CPA could contribute funds towards it; he emphasized going after 'low hanging fruit' to get CPA's name out there.

Committee Member Fromer commented that there could be short- and long-term options; and to pay attention to the needs of underserved constituents.

Committee Member Gutierrez commented on marketing and messaging for people to participate; secondly Committee Members should learn more about one another to leverage existing connections. Committee Chair Haake commented that it might be worthwhile to preliminarily raise awareness of upcoming programs so that communities can be ready to participate. Committee Member Parkhurst commented CPA should help disadvantaged communities but using a 'fishing model' strategy. Committee Members reached a consensus that the marketing strategy needs to reflect that programs like these is what make CPA different and that's what will keep residents as customers. Committee Member Lesser asked how much money was available. Mr. Bardacke responded that there is very little money available now, but CPA needs to build the strategy for when funds become available they can begin. Mr. Bardacke added that one of the benefits of developing a strategy now is that CPA can evaluate it based on pilot programs, and provided examples of competing interests at the public agency, commercial, and residential levels. Committee Members reached a general consensus that areas with the highest needs would be given a preferential priority and CPA should focus on programs that get the 'best bang for the buck'.

4.   Discuss and Provide Feedback on 2019-20 Marketing and Outreach Plan.

Allison Mannos, Senior Manager, Marketing and Customer Engagement, introduced the item as a discussion on creative outreach to engage customers in new actions. The Committee broke out into groups for further discussion on objections.

Objective #1: Engage Customers in New Actions: The Committee provided the following general comments: CPA has provided meaningful existing avenues; Explore at the school level to educate kids on renewal energy economy; focus more on image; bilingual students can be key for translation of message; create a boy/girl scout merit badges competition with award ceremony; provide stats on how cities compare in energy renewables and consumption; refresh messaging; build on climate strike; incorporate the wildfires; green businesses and related certificates; use 100% renewable energy stickers.

Objective #2: Expand presence and grow audience: The Committee provided the following general comments: Align with likeminded organizations like IBEW, NIKA, Net Zero facilities; leverage existing connections; work with trade unions; use grant funding from Arizona Wind Project to fund local colleges; market CPA is a positive light; connect

through newspapers, science fairs; organize with the 50th anniversary of Earth Day; utilize CPA's website to highlight investments in community; market what the difference is between CPA and SCE; focus on customers making a difference; focus on clean air; advocate speaking at City Council meetings to provide updates on projects; append to existing data reports how much CO_2 equivalent gas is removed; incorporate public art; t-shirts; logo competition.

Public Comments: Harvey Eder on Public Solar Power Coalition.

VI. COMMITTEE MEMBER COMMENTS

Ms. Mannos encourage CAC members to follow social media accounts and to look at employment opportunities within CPA.

Christian Cruz, Community Outreach Manager, provided an update on a CPA led incubator event and thanked Committee Member Parkhurst for attending an Alta Dena event.

Committee Member Gutierrez recommended Committee Members circulate photos from climate events to Ms. Mannos.

VII. ITEMS FOR FUTURE AGENDAS

Committee Member Fromer requested staff provide an update on the CPUC proposed decision including the draft letter circulated, submitted comments and what the decision would mean for CPA in terms of costs and challenges.

VIII. ADJOURN – NEXT MEETING ON NOVEMBER 14, 2019

Committee Chair Haake adjourned the meeting at 2:47 p.m.

To: Clean Power Alliance (CPA) Community Advisory Committee

From: Ted Bardacke, Executive Director

Subject: Receive Update from the CPA Executive Director

Date: November 14, 2019

Ted Bardacke, Executive Director, will provide an oral update on CPA operations.

Staff Report – Agenda Item 3

To:	Clean Power Alliance (CPA) Community Advisory Committee
From:	Ted Bardacke, Executive Director
Subject:	Final CAC Input on Local Programs Strategic Plan
Date:	November 14, 2019

DISCUSSION

Over the past several months, the Community Advisory Committee has provided key input to CPA staff and consultants regarding the development of the Local Programs Strategic Plan. The effort is now approximately 75% complete and a final plan is expected to be presented to the Board of Directors at its January meeting. Finishing the strategic plan in early 2020 is important as a precursor to CPA entering its Fiscal Year 2020-2021 budget planning process.

At its November 14 meeting, the CAC will receive the attached presentation from CPA's consultant team on the status of the project, an updated program categorization matrix, initial priority programs being considered, and development of different implementation mechanisms. Final input on these items will be solicited from CAC members.

Attachment: 1) Local Programs Strategic Plan Presentation

Clean Power Alliance

Local Program Strategic Plan Update

Community Advisory Committee Meeting – Nov 14th, 2019

Agenda

1. **Review** (10 min)

   I.   **Project Purpose and Process**

   II. **Stakeholder Goals and Priorities**

2. **Program Categorization** (10 min)

3. **Program Comparison Tool** (20 min)

4. **Discussion of Implementation Vehicles** (10 min)
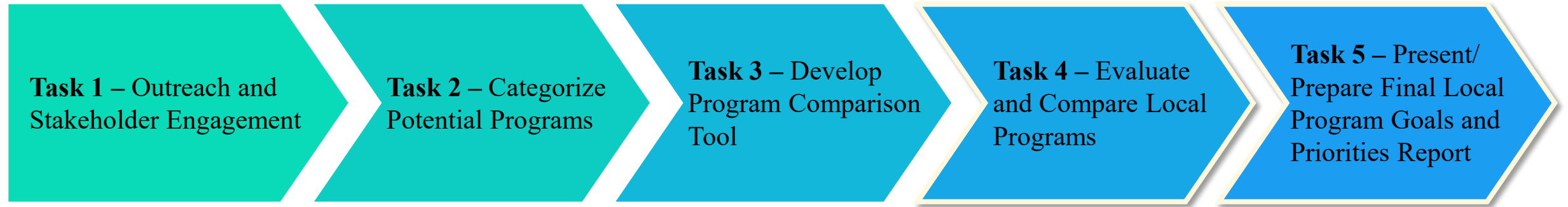
Q&A (10 min)

Review of Goals and Process

Project Purpose

Provide the Clean Power Alliance with:

1. Stakeholder goals and priorities, and a local program comparison tool, to aid **future** development and refinement of local programs

2. An **initial** prioritized set of recommendations on local programs based on this framework

Overview of Process

Task 1 – Outreach and Stakeholder Engagement

Task 2 – Categorize Potential Programs

Task 3 – Develop Program Comparison Tool

Task 4 – Evaluate and Compare Local Programs

Task 5 – Present/ Prepare Final Local Program Goals and Priorities Report

- Finalizing tool inputs
- Determining delivery mechanisms and implementation logistics
- Final report and presentation to the Board

Stakeholder Engagement Process
Who Did We Engage

Goal Setting Workshops: 100 total participants

- CPA Board Workshop
- CPA CAC Workshop
- LA Public Workshop
- Ventura Public Workshop
- Subject Matter Focus Groups
  - Environmental
  - Environmental Justice / Community
  - Labor

On-Line Survey (English, Chinese, and Spanish): 317 total participants

Stakeholder Goals and Priorities
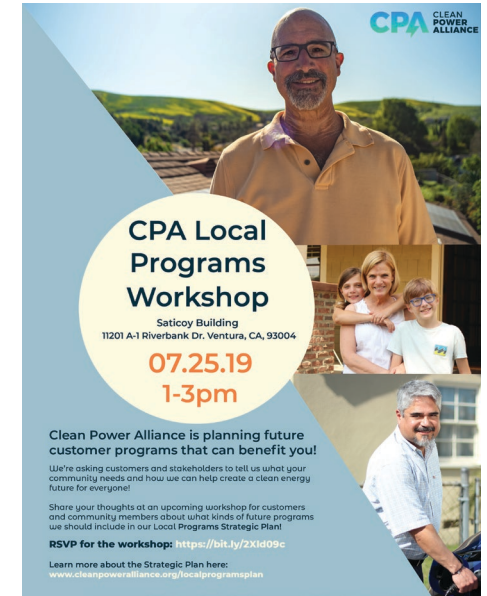
Processing Stakeholder Input
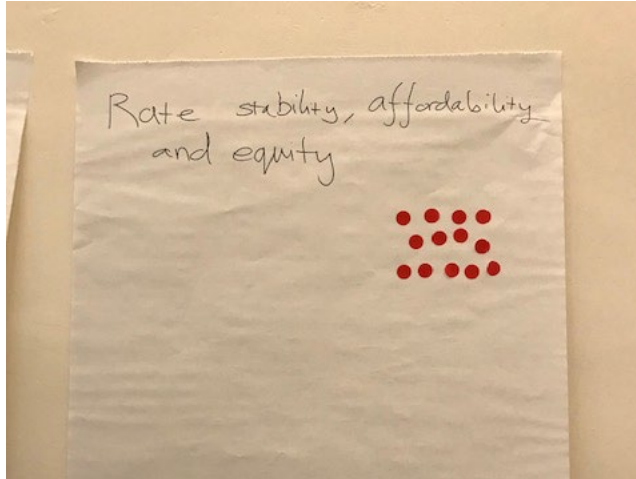
Meeting	Priorities	Votes	Weighted Votes (% of total weighted votes from all meetings)
Board Retreat			4.7
Board Retreat			4.4
Board Retreat			4.0
Board Retreat	Resiliency of our power grid.	12	4.0
Board Retreat	Local workforce development and community reinvestment in the new economy.	12	4.0
Board Retreat	Increased education / awareness of energy usage and energy customer base	11	3.7
Board Retreat	Programs geared at multi-family.	10	3.4
Board Retreat	Maximize environmental benefits / Move towards 100% renewables.	9	3.0
Board Retreat	Support	8	2.7
Board Retreat	Stronger	8	2.7
Board Retreat	Local energy generation	7	2.4
Board Retreat	Retrofit of existing	7	2.4
Board Retreat	Reducing cost to	6	2.0
Board Retreat	Adoption	5	1.7
Board Retreat	Local capacity building	4	1.3
Board Retreat	Decreased relian	2	0.7
Board Retreat	Maximize local community quality of life	2	0.7
Board Retreat	Access	2	0.7
CAC	Local resiliency	5	1.7
CAC	Building energy e	4	1.3
CAC	Tracking job metrics	4	1.3
CAC	Agriculture GHG emissions	2	0.7
CAC	Decarbonization of affordable housing	2	0.7
CAC	Transportation fuel switching / electrification	2	0.7
CAC	Grid resiliency	2	0.7
CAC			0.7
CAC			0.7
CAC			0.7
CAC			0.7
CAC	Renewable energy at no increased cost	1	0.3
CAC	Climate action planning	1	0.3
CAC	Renter vs owner issues	1	0.3

Abundance of data

1. Consolidate redundancies into central aims and priorities
2. Use wealth of information gathered to understand intent
3. Rank priorities according to votes and weighting

List of ranked priorities

Stakeholder Goals and Priorities

Final Goals and Priorities

| Goals and Priorities	Weighting (%)
Outcomes	
1. Make 100% Green Rate more affordable	14.2
2. Job creation	12.4
3. Decarbonization	10.8
4. Local resiliency – community response to stresses	8.3
5. Increase accessibility and benefits for specific groups	7.5
6. Grid resiliency – mitigating grid shutdowns	6.5
7. Public health – including air quality, heat stress and sensitive receptors	5.2
Program Type	
1. Distributed energy resources	8.2
2. Energy efficiency	7.5
3. Education	7.4
4. Electrification	6.2
5. Local program funding	4.8
6. Partnerships	1.1

Program Categorization

Program Categorization

1. Research of all programs out there provided by existing utilities, CCA's or other organizations

Program Categorization

2. Iterative grouping of programs into common categories

Program Categorization

09/05/2019

ARUP
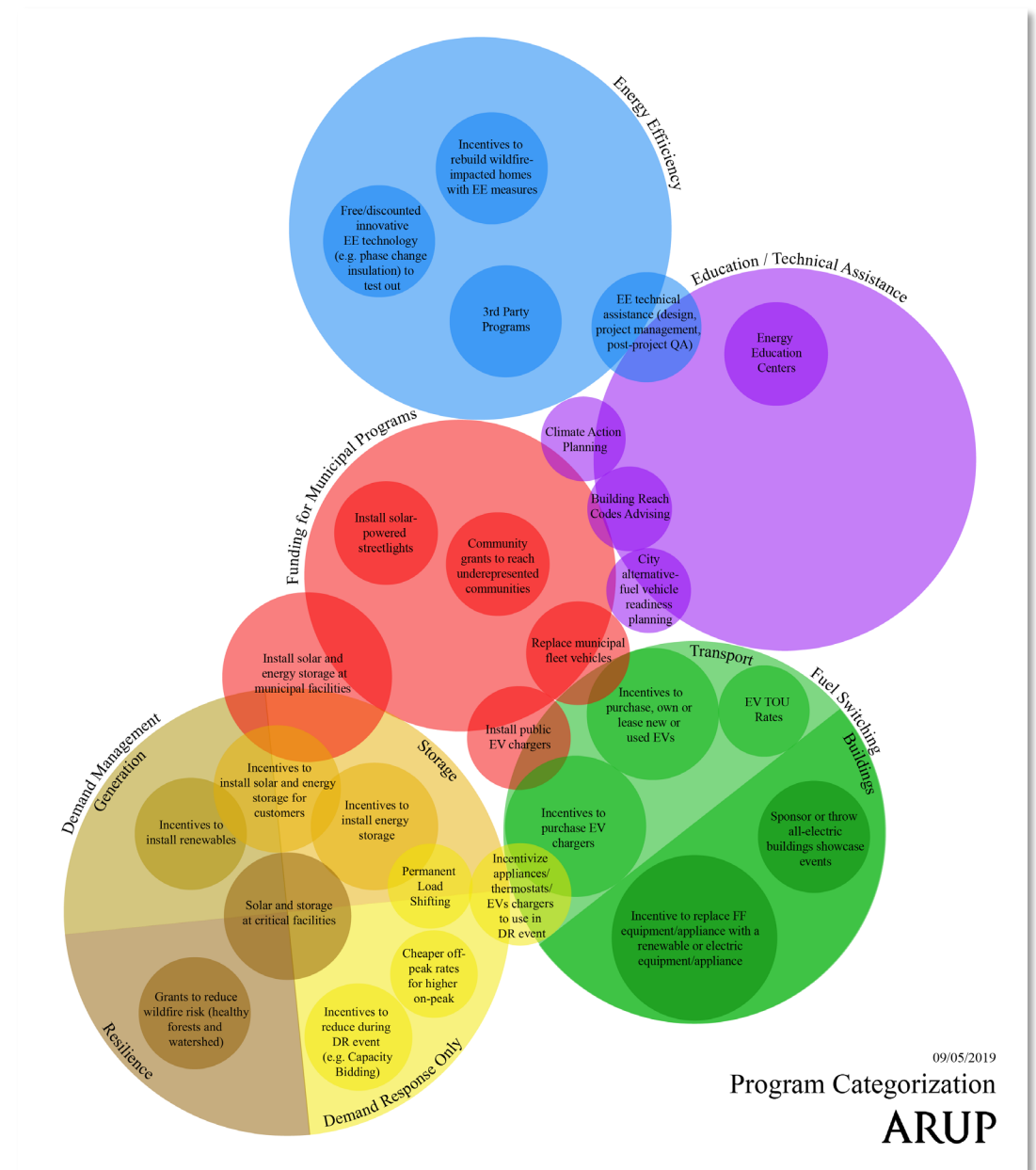
Program Categorization

Final Program Types

3. Final categorization aligned with CPA interests, market trends and stakeholder focuses

Resiliency and Grid Management

Examples:
Demand response, behind the meter storage

Electrification

Examples:
Buildings (incl. energy efficiency), vehicles

Local Procurement

Examples:
Front of the meter storage, PPAs, VPPs

Program Comparison Tool
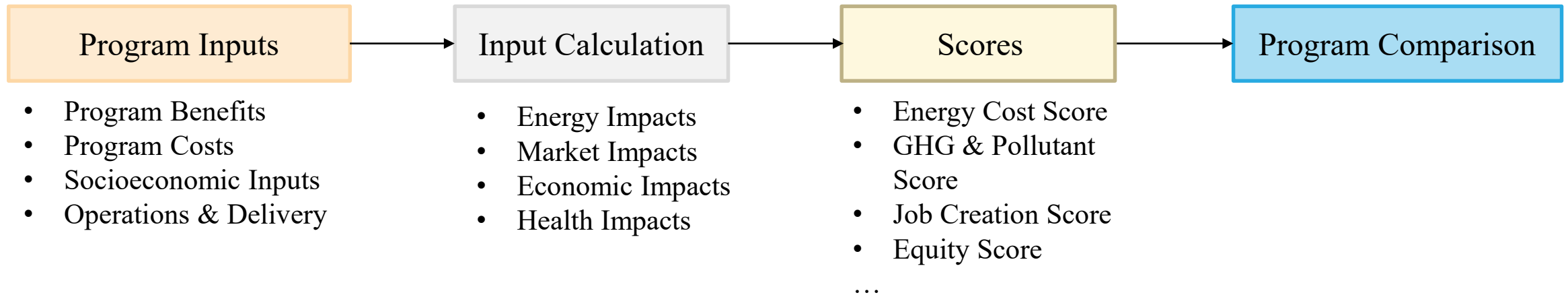
Comparison Tool
Tool Capabilities

The tool helps Clean Power Alliance by providing the following capabilities:

- **Compare** programs for prioritization

- **Justify investment** in a program by understanding its **co-benefits**

- **Adjust** a program to **maximize co-benefits** and **cost effectiveness**

- **Updatable** to changing circumstances and priorities
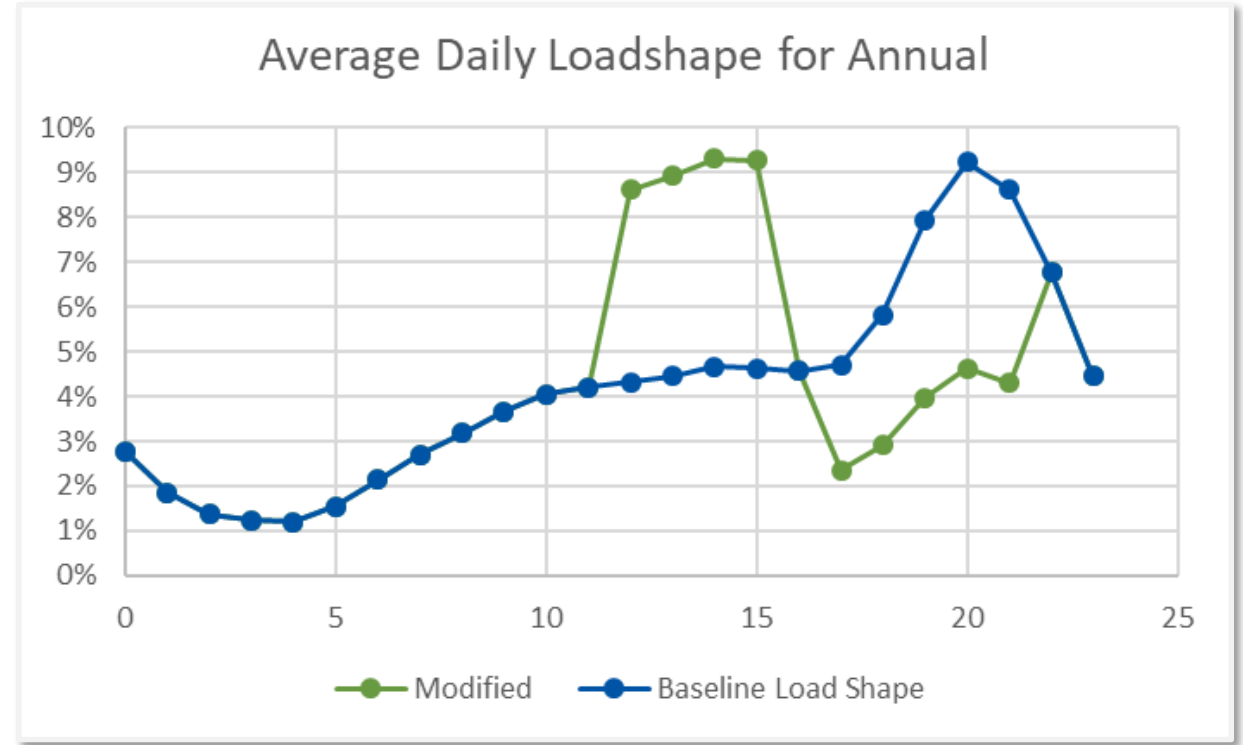
Comparison Tool

Tool Workflow

```
Program Inputs  →  Input Calculation  →  Scores  →  Program Comparison
```

Program Inputs
- Program Benefits
- Program Costs
- Socioeconomic Inputs
- Operations & Delivery

Input Calculation
- Energy Impacts
- Market Impacts
- Economic Impacts
- Health Impacts

Scores
- Energy Cost Score
- GHG & Pollutant Score
- Job Creation Score
- Equity Score
- …

Program Comparison

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Comparison Tool
Tool Capabilities

Flexible Inputs

- Zip Code

- Participation Rates

- Resource impacts (electricity, gasoline, diesel, natural gas savings or increase)

- Load profiling

- Program costs

- Customer costs

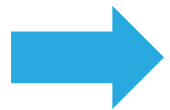- Qualitative questions on targeted communities, feasibility, local and grid resilience

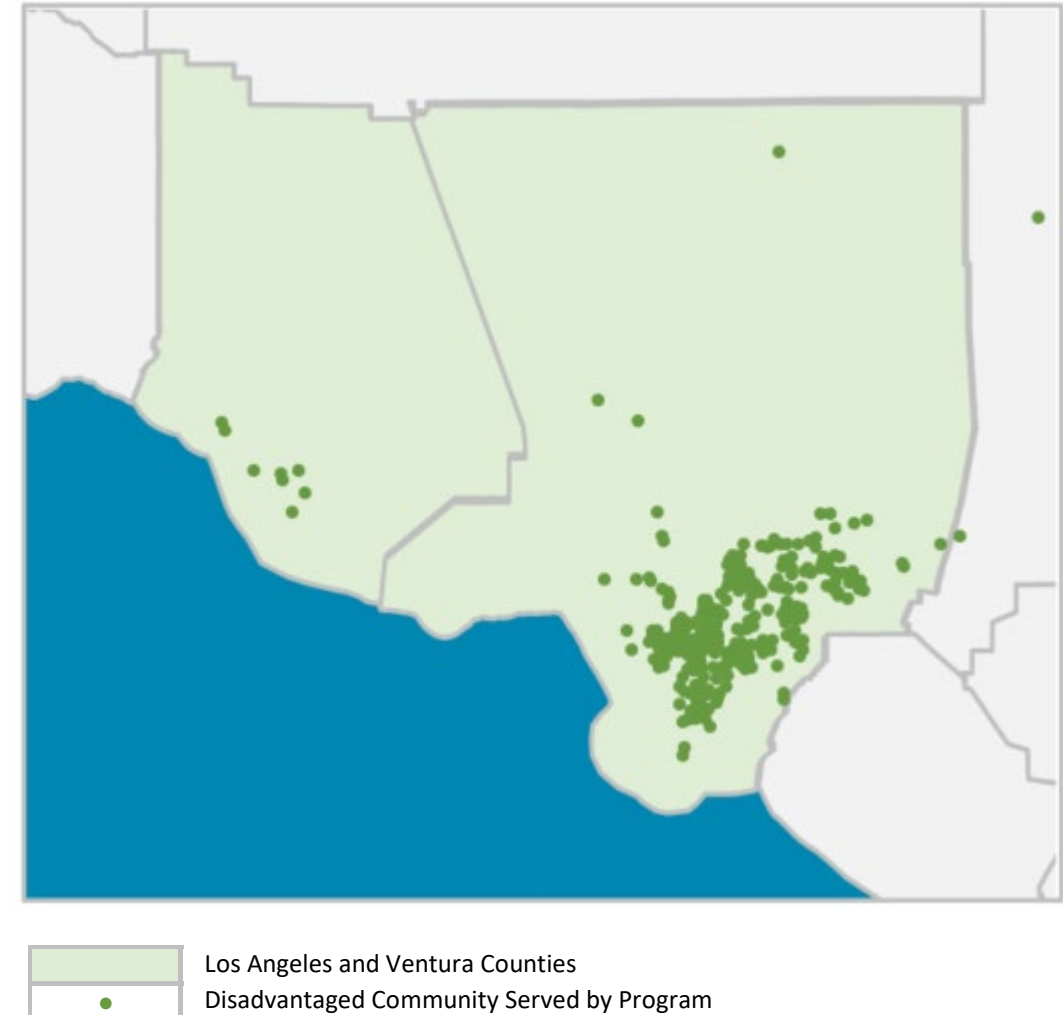Average Daily Loadshape for Annual

Modified · Baseline Load Shape

Comparison Tool
Tool Considerations

Scoring

- Feasibility

- Program and Customer NPV

- Jobs

- Increase Accessibility and Benefits for All
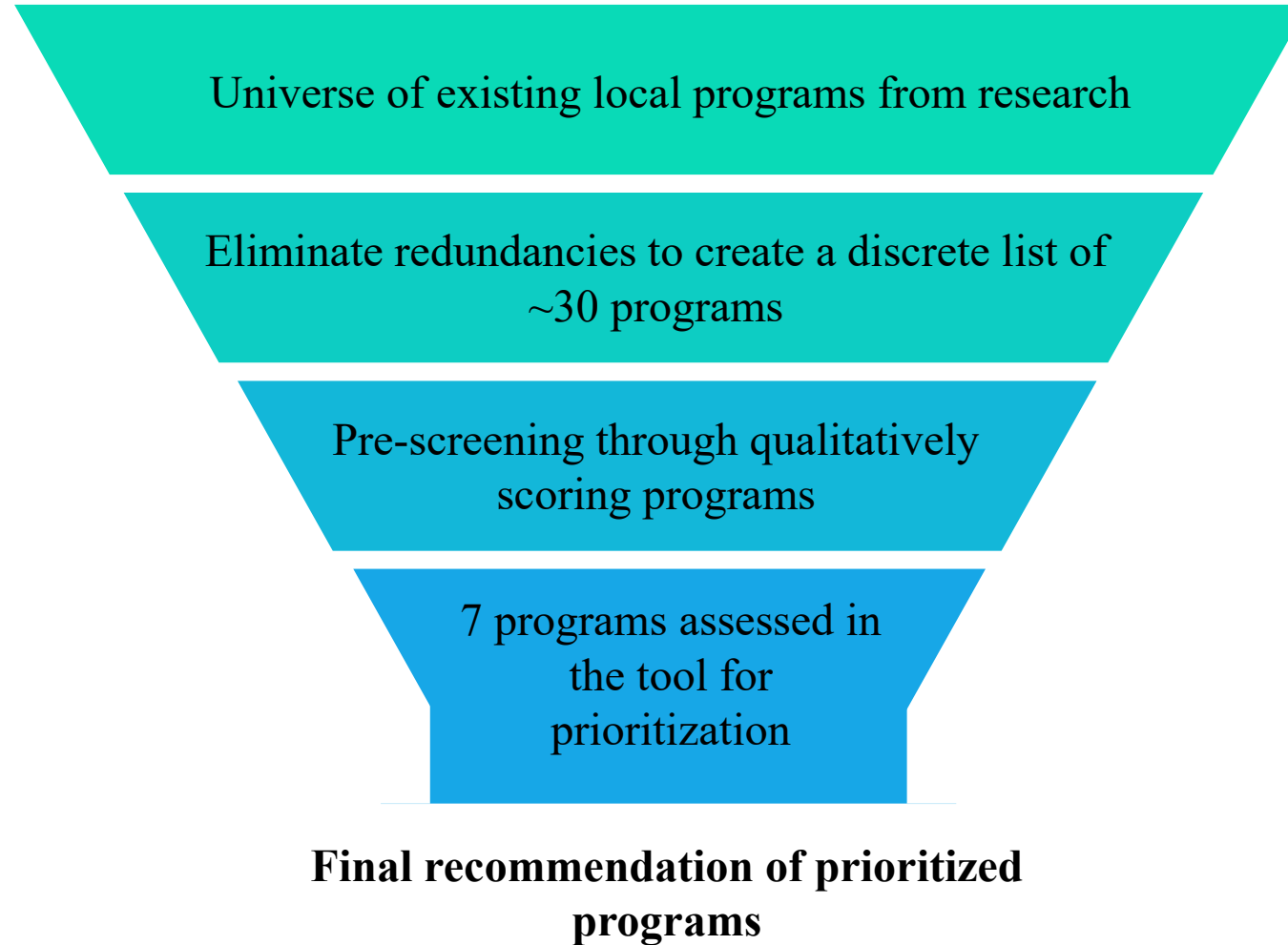
- Public Health

- Local Resilience

- Grid Resilience

➡️ *Holistic and comprehensive analysis of co-benefits*

Los Angeles and Ventura Counties

• Disadvantaged Community Served by Program

Evaluating Programs

Program Selection Process

Universe of existing local programs from research

Eliminate redundancies to create a discrete list of ~30 programs

Pre-screening through qualitatively scoring programs

7 programs assessed in the tool for prioritization

Final recommendation of prioritized programs

Evaluating Programs
Final 7 Programs for Assessment

Resiliency and Grid Management

1. Incentives for storage at commercial facilities for demand response
2. Incentives for solar and storage at critical facilities (customer-focused)
3. Incentives to use smart thermostats for demand response

Electrification

4. Incentives for Public EV chargers
5. Incentives to displace fossil-fuels in buildings
6. Incentives for all-electric rebuilds in fire-impacted areas
7. Assistance in developing all-electric building reach codes assistance

To be assessed and ranked through tool

Local Procurement

1. Local generation and/or storage (front of the meter)
2. Virtual Power Plant (DR aggregation for load shift and reliability)
3. Procurement of solar + storage at critical facilities

To be assessed in Integrated Resources Plan

Evaluating Programs
Program Example – Public EV Charging

Program Description:

- Modeled after successful public EV charging programs like CALeVIP and SCE's Charge Ready Program.

- Intention is to provide incentives to commercial facilities to install publicly-available EV chargers.

Key Inputs:

- 0.009% participation rate of C&I customers

- 16,000 kWh increase per customer site

- 140 gal of gasoline savings per customer site

- 10 yrs estimated useful life

- $6,500 average incentive cost per customer

- $27,000 customer cost post-incentive per customer

Draft Results

Job Creation and Wages

Is there a stipulation in the program that contractors and equipment must be hired or sourced from Ventura or LA County?	○ Yes ● No

Other Disadvantaged Communities

Does the program have special incentives or allocations for other disadvantaged community groups?

Other DAC categories	Yes (Targeted, eligible)	Partial (Not targeted, eligible)	No (Not Eligible)
Low Income (CARE or FERA rates)	●	○	○
Renters	●	○	○
Multifamily non-renters (e.g. condos)	●	○	○
Elderly (60+ years old)	○	●	○

Feasibility

Does the program concept rely on a technology or market intervention that has been proven to produce the intended energy benefits, such as energy savings, load shifting, or production of renewable energy?	● Yes ○ Partially ○ No
Does the program concept leverage or offer opportunities for collaboration with other organizations or entities (i.e., funding, program partners, marketing, implementation)?	● Yes ○ Partially ○ No
Are there sufficient, adequately skilled human resources (contractors) and other resources in the marketplace to effectively deliver/support program implementation?	● Yes ○ Partially ○ No
Is there sufficient evidence of customer awareness of the technology to drive demand?	● Yes ○ Partially ○ No
Do customers understand the technology and its benefits?	● Yes ○ Partially ○ No

Local Resiliency

Does the program reduce water consumption for the end user?	○ Yes ○ Partially ● No
Does the program improve community disaster preparedness by allowing critical facilities to function during power outages through the use of clean/distributed energy resources?	○ Yes ○ Partially ● No
Does the program improve community disaster preparedness by protecting vulnerable populations (e.g. people with medical conditions, heat sensitivities) during power outages?	○ Yes ○ Partially ● No
Does the program safeguard sensitive populations from heat stress during heat waves by installing measures that help keep homes cool, such as energy efficient AC?	○ Yes ○ Partially ● No

Grid Resiliency

Does the program improve grid reliability by reducing the potential for an outage, limiting the extent of an outage, or facilitating faster recovery from an outage?*	○ Yes ○ Partially ● No

Evaluating Programs

Program Example – Public EV Charging

Key Calculated Outputs:

- -$120,000 Program NPV
- $100 Customer NPV
- 0.4 jobs created
- $70,000 wage impact per job created
- 100% DAC Coverage
- ~150 tons CO_2 reduced annually

Priority	Metric	Score
Affordability	Program NPV	4
	Customer NPV	5
Jobs	Job Creation	1
	Wage-Impact	5
Increase Accessibility and Benefits for All	DAC Population Need	4
	DAC Populations Covered	10
	Other Disadvantaged Communities	8
Decarbonization	GHG (CO_2) Benefits	2
Public Health	Criteria Pollutants	6
Resilience	Local Resiliency	0
	Grid Resiliency	0
Overall Weighted Program Score		**3.57**

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Implementation Vehicles

Implementation Vehicles

Broad CPA Territory

CPA Administers Program

General, conventional program administration offered to customers

Third Party

CPA contracts a third party to administer the program and reports to CPA

Education and Outreach

CPA conducts outreach to hard-to-reach customer groups and for increased uptake of programs

Sub-Regional or Member-Agency Specific

Member Agency Set-Aside

Within commercial and industrial programs, money is set aside for member agencies and/or given a funding boost

Direct Install

CPA establishes master contract with a vendor that would carry out direct installs in member agency facilities

Innovation Fund

Money set aside that member agencies, or groups of member agencies, can apply for to innovate with their own programs or projects

Q&A