



SoCalREN Q1 2025 Regional Workforce Alliance Meeting

March 19, 2025
West Los Angeles College





**Welcome - Tessa Charnofsky,
Special Services Assistant, SoCalREN**



Agenda

- **Welcome and Opening Remarks** - Tessa Charnofsky, Special Services Assistant at SoCalREN
- **Current Outlook - State, Federal, and Local Policy, Incentives, and Rebates** - Marc Costa, Director of Policy & Planning at The Energy Coalition
- **Featured Panel - Incentivizing Resilience: Energy Efficiency, Decarbonization, and Workforce Development**
- **Program Spotlight** - West Los Angeles College
- **Closing Remarks** - Melanie Peck, Director of Workforce Development at USGBC-CA
- **Optional Tour** - WLAC Microforest Project





Current Outlook – State, Federal, and Local Policy, Incentives, and Rebates

Marc Costa - The Energy Coalition



Marc Costa

Director of Policy and Planning - The Energy Coalition

Marc Costa is Director of Policy and Planning at The Energy Coalition (TEC). He has more than fifteen years of experience in the building industry, focusing on advanced energy community planning, federal energy data standards, software development, and local government, state, federal, and international energy policy.

Marc is an active member of multiple policy and technical initiatives at the United Nations and International Energy Agency focusing on the rapid, equitable acceleration of electrification paired with clean energy resources. He serves in leadership positions at the Gridwise Architecture Council, California Technical Forum, and numerous industry groups. He also co-founded the OpenStudio Coalition to ensure free and open access to building energy modeling tools worldwide.

He holds a B.S. in Management Science from UCSD, a B.S. in Construction Engineering from CSULB, and is a LEED AP, CGBP, and BOC Level II, and Certified Passive House Consultant.



Current Outlook – State, Federal, and Local Policy, Incentives, and Rebates

State Policy & Energy Efficiency Programs

- CA leads in energy efficiency with a 2045 carbon neutrality goal.
- Every \$1 invested in efficiency saves up to \$8.49 for consumers.
- VPPs can cut peak demand by 10-20%, saving \$10B annually.
- New metrics needed to account for grid reliability & affordability benefits.

Federal Policy & Funding Opportunities

- DOE's National Blueprint targets 65% emissions reduction by 2035.
- IRA & BIL provide major rebates, tax credits, and efficiency funding. Act Fast!
- DOE's VPP Liftoff Study supports grid-interactive buildings to lower costs.
- State-LOCAL coordination is key to scaling energy efficiency programs.



Incentives, Rebates & Market Trends in California

Market Trends & Incentives Driving Energy Efficiency

- Heat pump adoption must grow 4x to meet CA's 2030 goal.
- Retrofit market is booming—aging buildings need HVAC, insulation, electrification.
- Equitable Building Decarbonization (EBD) prioritizes low-income homes.
- TECH Clean CA & state rebates fund home and business upgrades.

Addressing Rising Energy Costs Through Efficiency

- Efficiency programs lower energy bills & prevent costly power shortages.
- VPPs + efficiency reduce peak rates & grid strain.
- Fixed infrastructure costs drive rates up—efficiency offsets increases.
- Updated policy metrics needed to value job creation & avoided grid costs.





Featured Panel: Incentivizing Resilience - Energy Efficiency, Decarbonization, & Workforce Development

How state and local incentives support the path to build and rebuild climate resilient communities, advance decarbonization goals, and uplift critical workers



Meet the Panelists

- **Xico Manarolla** - Electrification for Clean Power Program Manager, Clean Power Alliance (CPA) - *Electrification for Clean Power - Workforce Programs and Incentives*
- **Shomari Davis** - Senior Workforce Development Manager, Building Decarb Coalition (BDC) - *Driving Heat Pump Contractor Adoption*
- **Enayet Miah** - Manager of Multifamily Programs and Field Services, Los Angeles Department of Water and Power (LADWP) - *Layering State, Local, and Federal Incentives for Multi Family Retrofits and Workforce Development*
- **Marie Gunter** - Senior Project Manager Electrification Education, TRC Companies (on behalf of SCE) - *Statewide Electrification and Energy Efficiency Incentives*





Xico Manarolla - Electrification for Clean Power Program Manager, Clean Power Alliance (CPA)

Electrification for Clean Power - Workforce
Programs and Incentives



Xico Manarolla

Electrification Program Manager- Clean Power Alliance



Xico oversees programs that work with member agencies to pursue electrification reach codes, provide guidance to customers for home and small business electrification projects, and support a growing and equitable workforce in renewable technologies.

He has more than 20 years of experience working with cities and holds a M.P.P. in Environmental Policy from the University of Maryland and B.A. in English and Philosophy from St. Mary's College of Maryland.





Regional Workforce Alliance

Xico Manarolla, Electrification Program Manager

March 19, 2025

Clean Power Alliance






- Joint Powers Authority -- 35 member jurisdictions throughout Los Angeles & Ventura Counties. Three new members coming onboard in 2025 (La Canada Flintridge, Lynwood, Port Hueneme)
- CPA serves more than three million residents and businesses through more than one million customer accounts
- #1 green power provider in the US as designated by U.S. Dept. of Energy's National Renewable Energy Laboratory
- Each member has a seat on Board of Directors (one member, one vote)
- Revenues (after costs for power and operations, plus financial reserve contribution) are pooled and invested into local programs



Local Customer Programs

Local Resiliency and Grid Management



-  **Room Air Conditioner Rebate:** \$300 coupon at participating retailers
-  **EV SmartCharge:** App to help customers save money by shifting when they charge
-  **Power Response:** incentives for reducing energy use at times of grid stress
-  **Peak Management Pricing:** Summer bill discounts for reduced usage during peak days
-  **Power Ready:** Clean energy backup systems for critical facilities




Transportation and Buildings Electrification






-  **Energy Team:** Unbiased information on energy upgrades for homes or small businesses from a team of experts
-  **Reach Code Program for Building & Transportation Electrification:** Support for evaluating & adopting building electrification codes
-  **Energized Communities:** Accelerates community sustainability goals
 - Building Electrification Assistance
 - Electric Fleet Transition Services
 - Community Electric Vehicle Charging
 - Innovation Fund

Local Clean Energy Procurement



-  **Power Share:** local renewable energy at 20% bill discount for low-income customers
-  **Sun Storage Rebates:** \$750 rebate for homeowners who install a solar battery storage system
-  **Solar & Storage Program:** No upfront cost solar and storage systems for qualified customers

-  Residential
-  Commercial
-  Partner Communities



CPA's Workforce Development Efforts

- In 2019, CPA's Board approved the Voyager Wind PPA which created the fund for the Voyager Scholarship program for targeted Community Colleges
- In December 2020, CPA's Board directed staff to seek out Workforce Development program investments using PPA-directed funds that:
 - “Green” existing jobs by providing training and resources that will give workers skills necessary to facilitate building and transportation electrification
 - Support union apprenticeship programs, clean energy rapid trainings, and certificate programs for both union and non-union pathways



Student & Entry Level Trainings

LA Cleantech Incubator (LACI)

- Microgrid Maintenance
- Project Management EVSE



Microgrid Maintenance

LACI will launch its first Microgrid (Solar + Storage) Maintenance in partnership with Clean Power Alliance, a clean electricity provider across Los Angeles and Ventura counties with a 'local-first' approach prioritizing environmental and economic community benefits. This 6 to 8 week training program will prepare 40 participants with the skills to operate, monitor, and maintain microgrid systems. Participants will be trained by industry experts on high-level microgrid system sizing and feasibility analysis, the electrical design of distribution networks, and receive hands-on training on microgrid operations and control.

Participants will earn the following certifications:

- NFPA 70-E
- OSHA Lockout, Tagout (LOTO)

Potential Green Job opportunities include:

- Microgrid Field Technician
- Solar Field Operations

EVSE Technician Training

In partnership with LADOT (LA Department of Transportation) CARB STEP (California Air Resources Board Sustainable Transportation Equity Project), and with the support of Saban Charitable Support Fund, LACI will launch an all-women training program focused on EV charging stations. This program will prepare 30 participants with the skills to perform the maintenance, troubleshooting, and commissioning of electric vehicle supply equipment (EVSE). Participants will gain an understanding of EVSE technical knowledge and electrical safety processes and procedures, while engaging in hands-on experience to perform general maintenance needs.

Participants will earn the following certifications:

- NFPA 70-E
- OSHA Lockout, Tagout (LOTO)

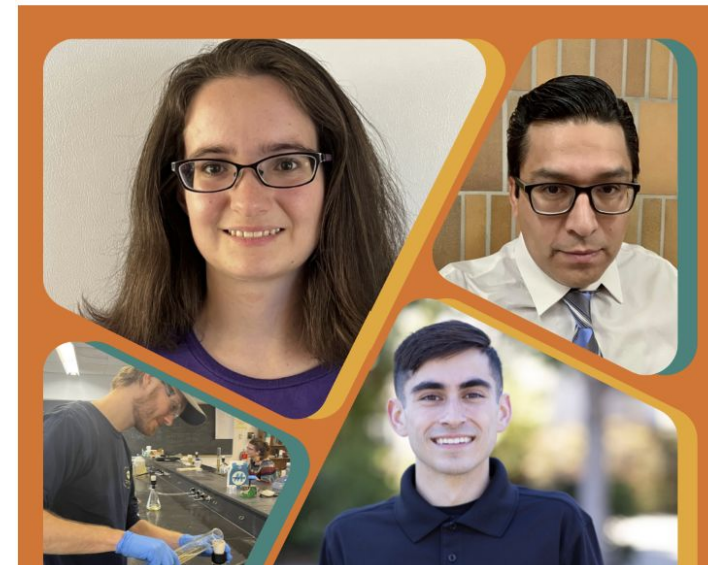
Potential Green Job opportunities include:

- EV Network Technician
- EV Service Technician

Voyager Scholarships

- 7 Community Colleges in LA and Ventura Counties
- Expanding to 4 more schools

Meet our Voyager Scholarship Recipients and Learn About Their Renewable Energy Dreams



Union & Union Pathway Jobs

Pre-apprenticeship

- Flintridge Center: previously incarcerated and gang impacted
- WINTER: Women, survivors of domestic abuse



Apprenticeship

- LAETI: WECAT electrical trainers
- VCEJATC: WECAT electrical trainers, ESAMTAC battery storage trainers

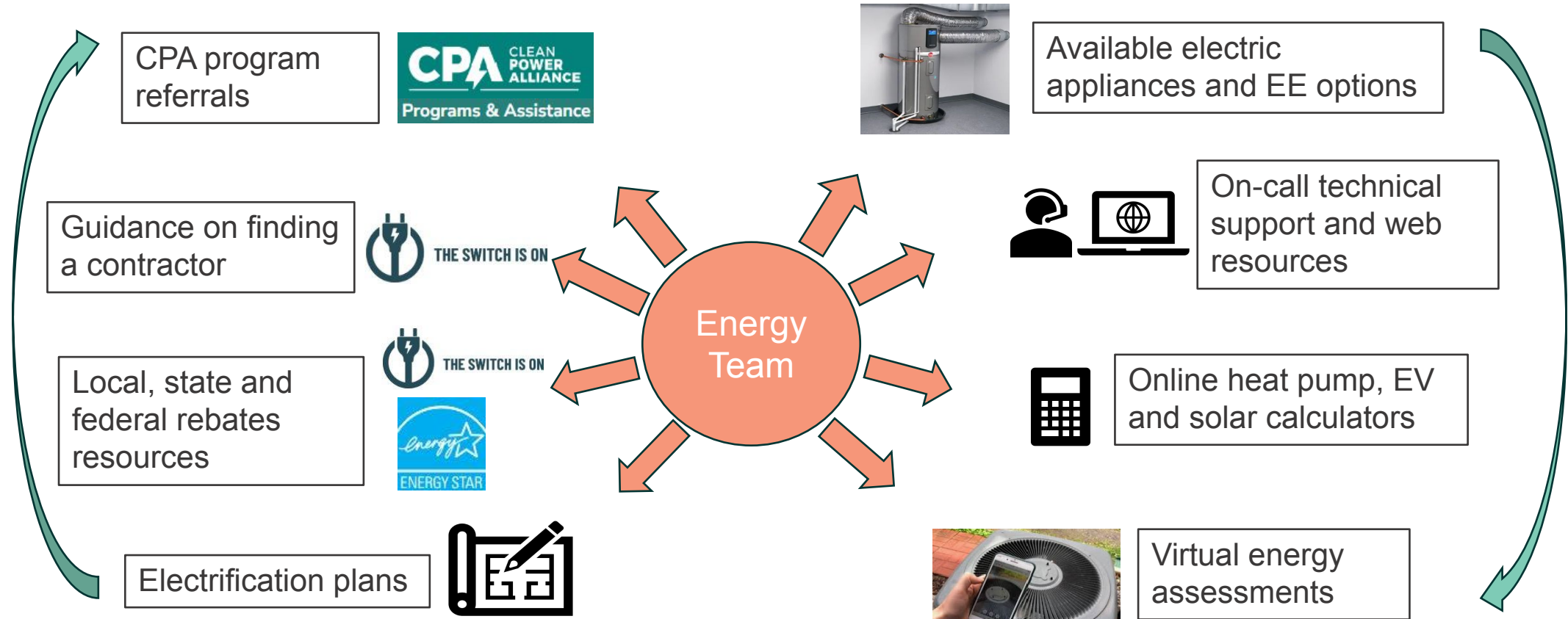


Phase 1 & 2 Funding Outcomes

Funding Partner	Subject	Program Format	Outcomes To Date
Los Angeles Cleantech Incubator (LACI)	Microgrid Maintenance Training	Curriculum development, one-off training	<ul style="list-style-type: none"> • 26 graduates
	Project Management Training (EVSE)	Curriculum development, one-off training. Stipends	<ul style="list-style-type: none"> • 34 graduates • 15 internships
Ventura County Electrical Joint Apprenticeship Training Committee (VCEJATC)	Cybersecurity Apprenticeship Training for Smart Buildings and Smart Cities	Equipment procured, 3-year equipment life	<ul style="list-style-type: none"> • 24 apprentices have used equipment
	Electrical Storage and Microgrid Training and Certification program	Equipment procured, 3-year equipment life	<ul style="list-style-type: none"> • 12 apprentices have used the equipment
Los Angeles Electrical Training Institute (LAETI)	Cybersecurity Apprenticeship Training for Smart Buildings and Smart Cities	Equipment procured, 3-year equipment life	<ul style="list-style-type: none"> • Training to begin in 2025
Community Colleges in Los Angeles and Ventura Counties	Scholarships to students in community colleges	\$1,000 - \$3,000 scholarships to full time and part time students in critical pathways	<ul style="list-style-type: none"> • 100 Scholarships awarded
Flintridge Center	Supportive Services, Stipends, Expansion	3 years of funding for supportive services, stipends	<ul style="list-style-type: none"> • Began Q1 2025
WINTER	Supportive Services, Stipends	3 years of funding for supportive services, stipends, rent for expansion of training area	<ul style="list-style-type: none"> • Began Q1 2025



Energy Team Services Overview



Over 97% of CPA customers will be eligible to participate in this service





Shomari Davis - Senior Workforce Development Manager, Building Decarbonization Coalition

Driving Heat Pump Contractor Adoption





Shomari Davis

Senior Workforce Development Manager - Building Decarbonization Coalition

Shomari Davis is the Senior Manager of Workforce Development at Building Decarbonization Coalition. His focus is strategic contractor engagement to ensure best practices for successful Decarbonization at the state and local level by presenting their experiences at the table of electeds and policymakers. To build a coalition with the workforce and Organized labor that will help meet the goals of electrification and high road jobs in an emerging industry. To help with Neighborhood scale projects nationally, in the middle class and underserved communities.

Before joining the BDC, Shomari Davis was a Business Representative for IBEW (International Brotherhood of Electrical Workers) Local 11 in downtown L.A., South L.A. and Hollywood for 17 years. A trained electrician himself, he represented electrical workers on Public and private projects, like LA METRO and SOFI Stadium, who were employed by NECA (National Electrical Contractors Association).

Outside of work, Shomari enjoys live music concerts, sporting events and traveling.



Building Decarbonization Coalition

BDC is forging forward to provide a cleaner, more efficient energy future for us and our children.

- [California Heat Pump Partnership](#)
- [The Switch Is On](#)
- [Chefluencer Program](#)





Enayet Miah - Manager of Distributed Energy Solutions, LADWP

Layering State, Local, and Federal Incentives for Multi Family Retrofits and Workforce Development





Enayet Miah

Manager of Multifamily Programs and Field Services - Los Angeles Department of Water and Power

Enayet brings over a decade of expertise in developing and delivering energy efficiency and conservation programs for the LADWP. As the Manager of Multifamily Programs and Field Services within LADWP's Distributed Energy Solutions division, he leads a team of subject matter experts dedicated to designing and implementing customer-centric programs that drive the efficient use of electrical energy.

Under Enayet's leadership, LADWP successfully launched the Comprehensive Affordable Multifamily Retrofits (CAMR) Program—an initiative focused on providing equitable access to energy efficiency upgrades for underserved communities in Los Angeles. His strategic vision ensures that CAMR not only reduces costs for residents and property owners but also advances sustainability and enhances overall customer experience.

Beyond program leadership, Enayet plays a pivotal role in aligning LADWP's initiatives with industry trends and emerging technologies, ensuring continuous innovation in energy efficiency solutions.

Enayet holds a Bachelor of Arts in Economics from California State University, Long Beach, and a Master of Business Administration from the University of California, Davis. A dedicated professional, he is committed to driving meaningful change, fostering sustainability, and shaping a more energy-efficient future for all.

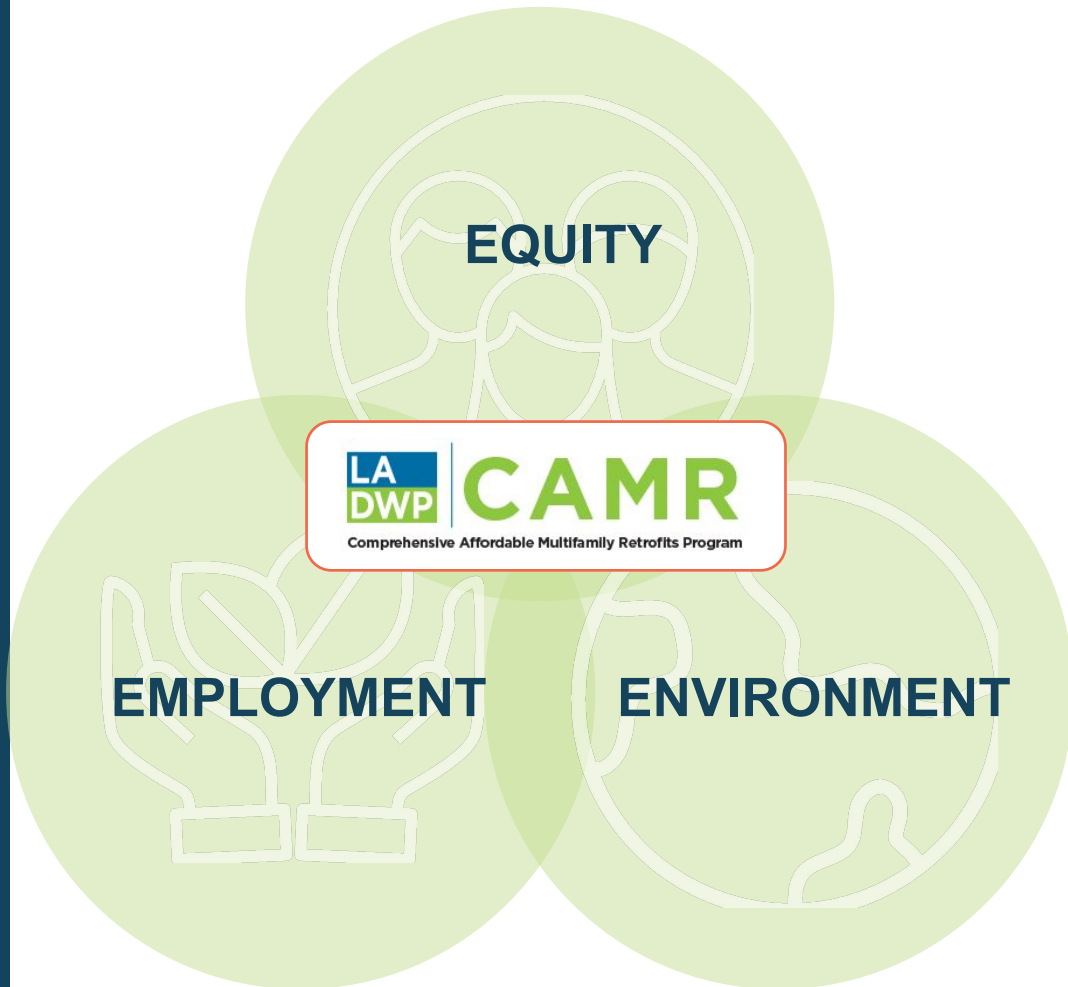


PRESENTED BY:

Enayet Miah

Manager
Distributed Energy Solutions
CAMR, HEIP, and Program Field Support

BUILDING EQUITY



COMMUNITY

- Reduce Greenhouse Gas emissions
- Maximize benefits to Low-Income/Disadvantaged Communities (DAC)
- Skilled, family-supporting green jobs for the local workforce

TENANTS

- Provide bill savings to strengthen economic security
- Improve safety, comfort, indoor air quality
- Reduce climate impact and pollution burden
- Tenant protections to maintain affordability for 10 years

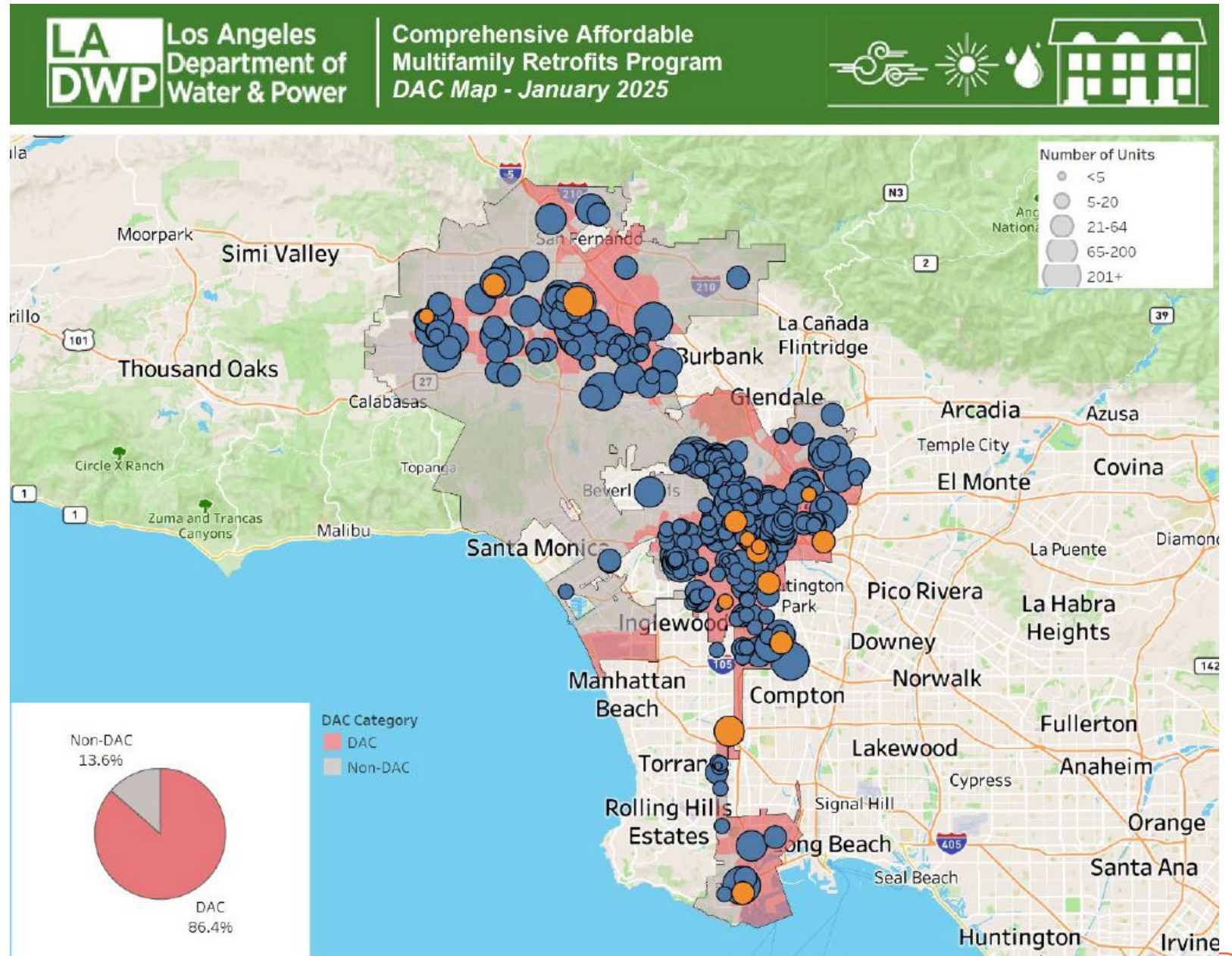
MULTIFAMILY OWNERS

- Improve operating costs with system upgrades
- Assistance with EBEWE benchmarking compliance
- High-quality work
- Layered Incentives and Financing

CAMR EQUITY STATS

The map shows projects enrolled in CAMR from May 1, 2022 – January 31, 2025, relative to disadvantaged community (DAC) locations.

- We received interest forms for 382 properties, equivalent to 20,139 tenant units
- 86% of properties are within a DAC



CAMR MEASURES



Building Shell

- Cool roof
- Insulation
- Window Shading
- Title 24 Windows
- Air Sealing



Space Heating & Cooling

- **Heating & cooling system replacement**
- Duct insulation & sealing
- Pump & fan replacement
- Refrigerant charge verification



Water Heating

- **Water heater or boiler replacement**
- Variable speed pumps and controls
- Pipe insulation
- Low-flow aerators & showerheads
- Pool, spa pumps & equipment



Lighting & Appliances

- **Stove, cooktop, range, & oven**
- **Clothes washers & dryers**
- In-unit, common area and exterior lighting
- Refrigerators
- Dishwashers
- Vending machine controllers






Renewable Energy

- Solar PV

LEVERAGING EXISTING LADWP PROGRAMS

		cost-saving		
FREE leveraging other LADWP programs*		 Electric	 Water	 Gas
1	Lighting	●		
2	Insulation	●		●
3	AC tune-up	●		
4	Trees	●		
5	Refrigerator replacement	●		
6	Toilets and aerators		●	

		cost-saving		
Partial Rebates rebate amount varies by type of upgrade*		 Electric	 Water	 Gas
7	Solar PV	●		
8	Water heater replacement	●	●	●
9	Heating and Cooling Replacement	●		
10	Roof replacement	●		●
11	Pool heater replacement			●
12	Gas Dryer replacement			●

*subject to program terms and conditions

CAMR Leveraging Additional Funding Sources

CAMR Boost

- \$5 million award from the City's Climate Equity Fund specifically for CAMR projects
- Up to \$250,000 per project

TECH Clean California

- \$35 million funding from the Inflation Reduction Act (HEERHA)
- \$80 million funding from the Self-Generation Incentive Program (SGIP) Heat Pump Water Heater (HPWH)

Aliso Canyon Settlement

- \$71 million from the Aliso Canyon Settlement, with \$40 million allocated specifically for strategic and equitable building decarbonization.

LIWP and MAHEP

- LIWP: A California Climate Investments program reducing greenhouse gas emissions and improving public health in disadvantaged communities.
MAHEP: Provides incentives for low-income multifamily buildings to upgrade to efficient electric alternatives.

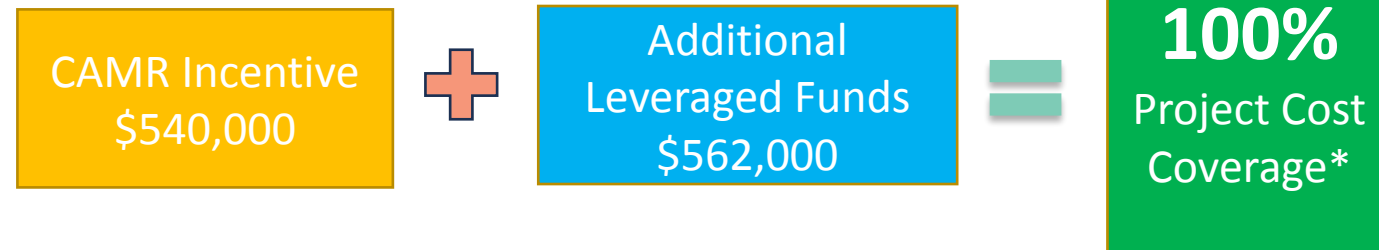
COMPLETED CAMR PROJECT



Installed Upgrades	CAMR \$
Heat Pump Water Heater	\$416k
Interior & Exterior LED Lighting	\$38k

Property Profile	
Location	Gardena
Number of Units	90
Total Square Footage	83,232
Year Property Built	2014
Number of Stories	3

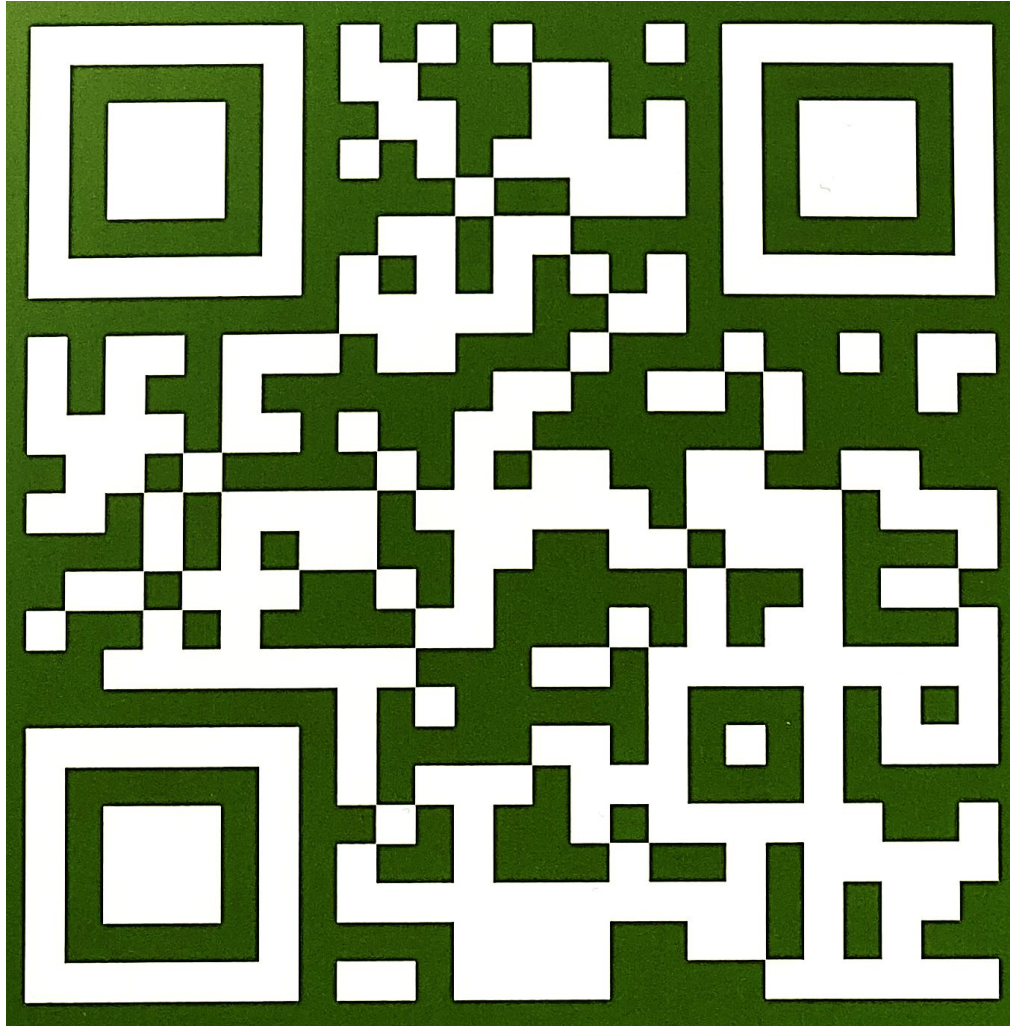
CAMR Incentive Calculation



*metric tons of carbon dioxide equivalent

*CAMR incentives cannot exceed 100% of eligible project costs.

CONTACT US



Contact Information

ladwpcamr.com

(833) 827 - CAMR (2267)

CAMRinfo@aea.us.org



Marie Gunter - Senior Project Manager Electrification Education, TRC Companies

Statewide Electrification and Energy Efficiency
Incentives





Marie Gunter

**Senior Project Manager, Electrification Education
TRC Companies**

Marie Gunter is a senior project manager with TRC's Advanced Energy residential programs team. Marie is responsible for building and maintaining relationships with a variety of key market stakeholders and delivering education across TRC's California residential new construction electrification program portfolio.





Statewide Electrification and Energy Efficiency Incentives:

CA Energy-Smart Homes & CalEHP programs

March 19, 2025





CA Incentives for Resiliency & Energy Efficiency

- Addressing Barriers & Misconceptions
- Resiliency for High-Risk Areas
- CA Energy-Smart Homes & CalEHP
- Program Incentives
- 8 Key Measures
- How to Get Started



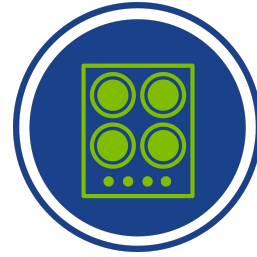
Addressing Barriers & Misconceptions

Common Myths About Electrification



Heat pumps don't work in cold weather

Modern **cold-climate heat pumps** operate efficiently in **sub-freezing temperatures** with **variable-speed inverter technology**. Performance remains high due to **refrigerant cycle optimization and defrosting strategies**.



Induction cooking is not as powerful as gas

Induction stoves heat faster than gas, with **90% efficiency vs. ~40% for gas**. **Precise temperature control** ensures **better cooking performance** with no heat loss, and eliminates **indoor air pollutants (Nitrogen Oxides - NOx, Carbon Monoxide - CO, Particulate Matter -PM2.5)** from gas combustion.

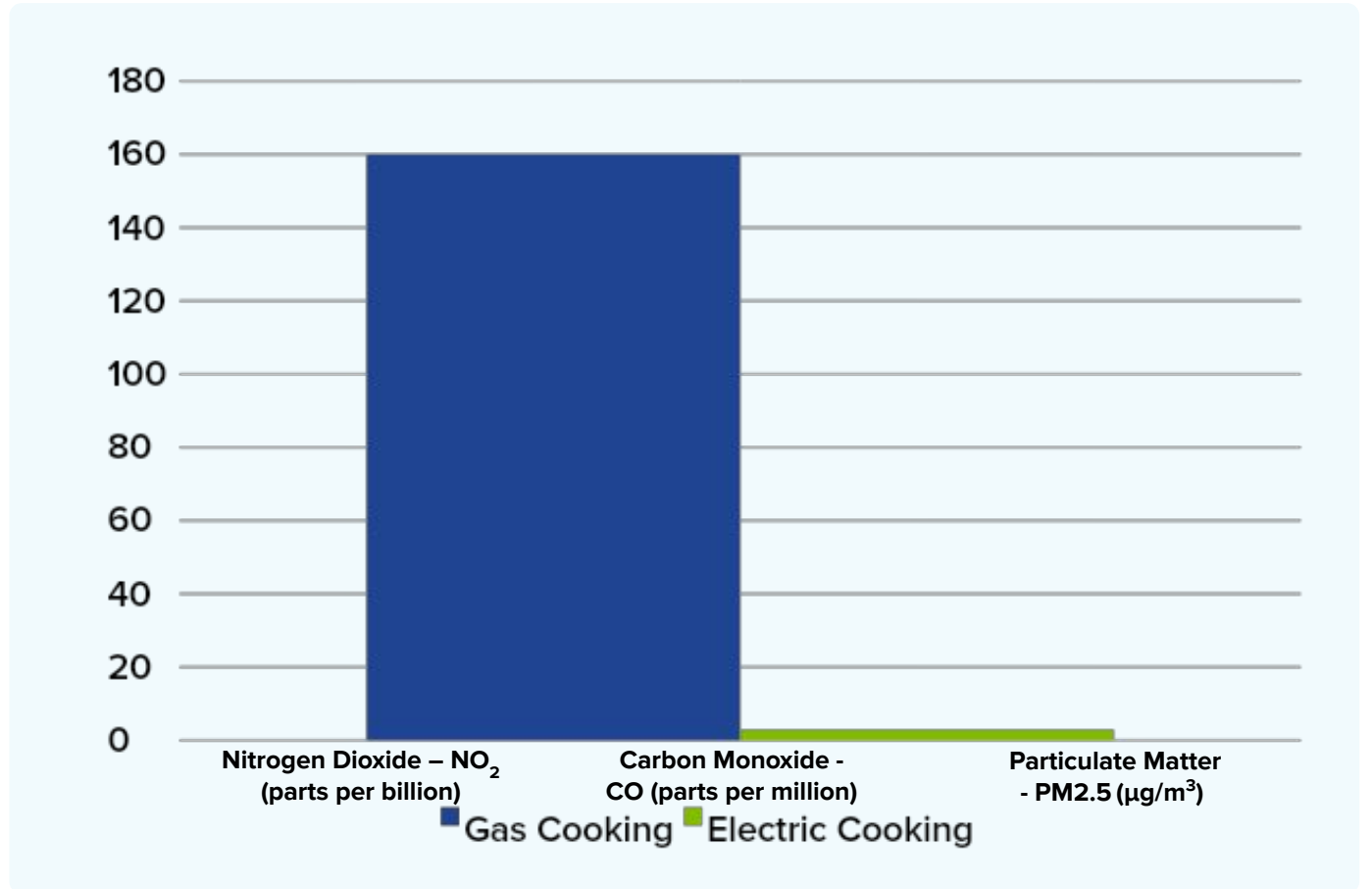
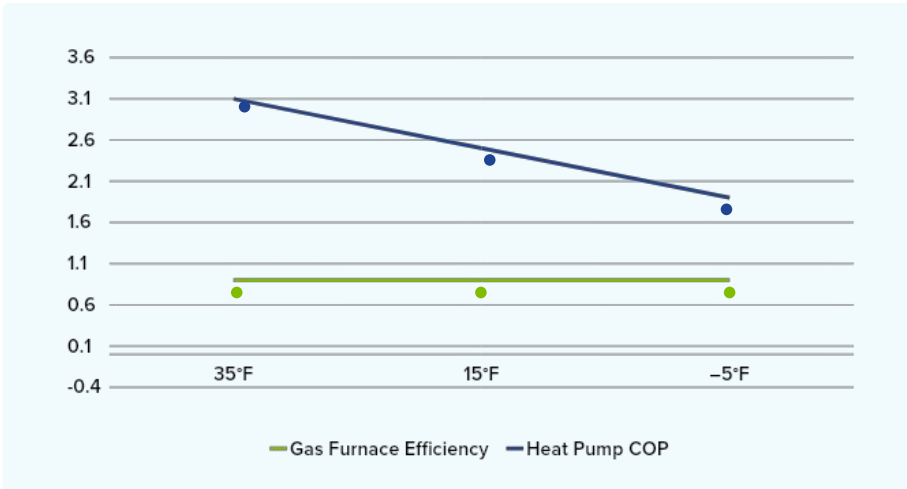


Electrification increases energy costs

When paired with **Time-of-Use (TOU) rates and demand response programs**, electrification **lowers operational costs**. **Heat pumps use 3-4x less energy than resistance heating**, reducing **winter heating bills**. **Smart load management and battery storage** further optimize savings.

Supporting Data: The Undeniable Efficiency of Electrification

Real-world performance data confirms electrification as a superior alternative to gas-based systems. The data consistently showcases the energy efficiency and cost-effectiveness that electrification brings, as well as benefits to indoor air quality.



Sources: Heat pump performance data from U.S. Department of Energy's Building America Program (2022). Cooking appliance efficiency data from Energy Star® Residential Kitchen Equipment Report (2023). Indoor air pollutant emissions data from Lawrence Berkeley National Laboratory's "Pollutant Emissions from Gas and Electric Cooking Appliances" Study (2023).





Program Overview



California Energy Smart Homes & CalEHP



California Energy-Smart Homes



Eligibility:



Territory: California electric IOUs (PG&E, SCE, SDG&E)

Building Types: Single family, duplexes, triplexes, condos, multifamily low-rise (3 stories or fewer), and ADUs

Income Restrictions: None

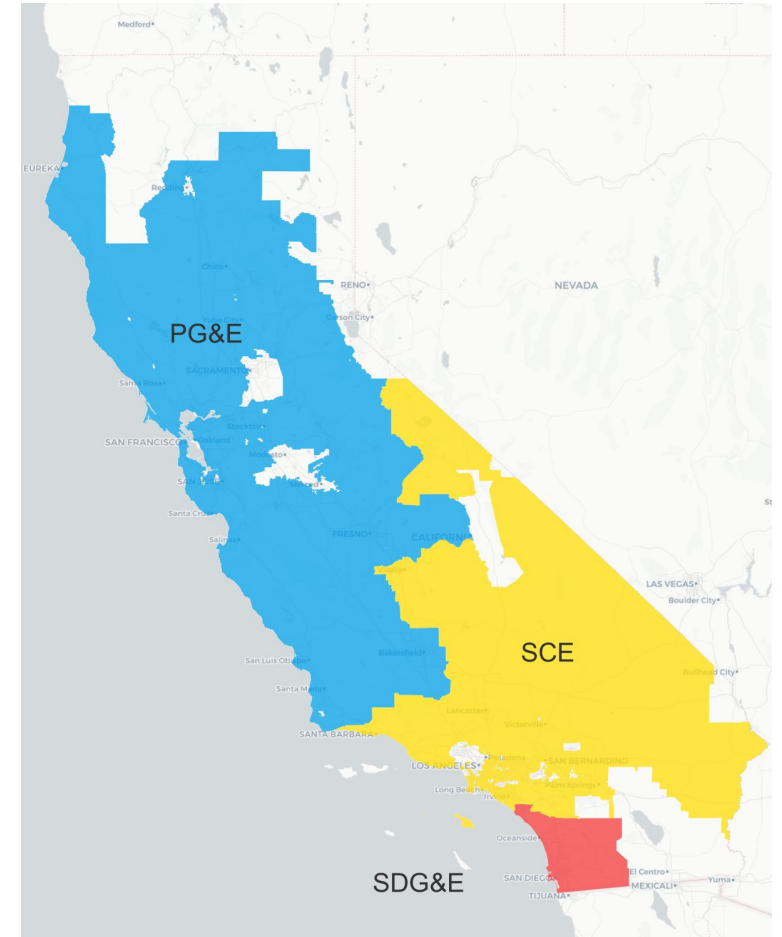
Title 24 documents must be signed by a current 2019 or 2022 CEA

Incentives: Capped at 1,500 units per builder/developer



Residential New Construction Incentives

Whole Building Electrification Alteration Incentives





Eligibility & Incentives






All-Electric Incentive Program Eligibility






Both programs require all-electric projects with no gas hookups



California
**ELECTRIC
HOMES**



-  **Income Restrictions:** Market-rate ONLY
-  **Territory:** All of California, including SMUD and Roseville Electric
-  **Building Type:** Single family, multifamily, ADUs, modular
-  **Permit Application Date:** must be after June 1, 2023
-  **Reach Code Restrictions:** Projects in all-electric reach codes are only eligible for battery storage and bonus incentives

-  **Income Restrictions:** None
-  **Territory:** California electric IOUs (PG&E, SCE, SDG&E)
-  **Building Type:** Single family, multifamily low-rise (3 stories or fewer), ADUs, modular
-  **Permit Application Date:** must be after January 1, 2022
-  **Reach Code Restrictions:** None

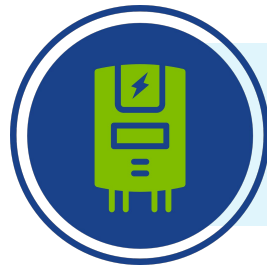
All-Electric New Construction Incentive Eligibility



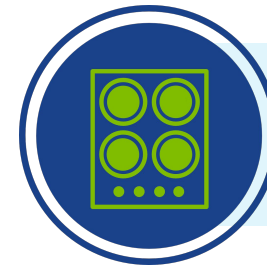
100% all-electric residential buildings with the following:



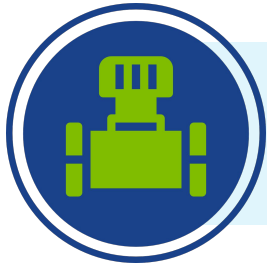
**Heat Pump
Space Heating**



**Heat Pump
Water Heating**



**Induction
Cooking***



**Thermostatic
Mixing Valves**



**Segregated
Circuits**



**Communicating
Thermostats**



**Battery Storage
Readiness**



EV Charging

Program staff will verify the program pre-requisites during the technical plan review stage

Program Incentives



California
**ELECTRIC
HOMES**

New Construction Incentives <i>per unit</i>	2025	2026	2027 (CalEHP only, Energy-Smart TBD)
 Single Family	\$3,000	\$2,500	\$2,500
 Multifamily	\$1,600	\$1,400	\$1,400
 Accessory Dwelling Unit	\$1,600	\$1,400	\$1,400

All projects must submit complete incentive request packages including incentive request forms and certificates of occupancy for each completed lot or building by November 15 to receive that program year's incentives.

Advanced Technology Bonuses



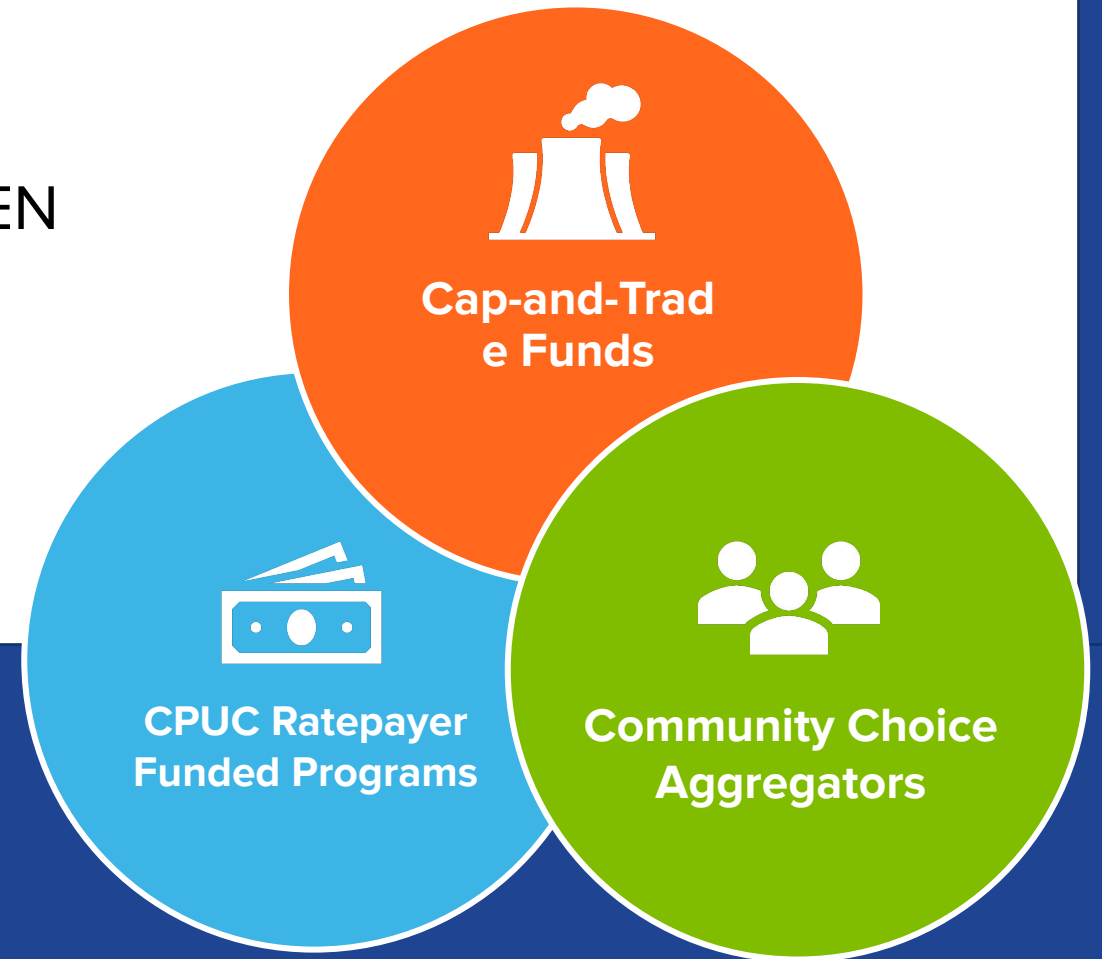
New Construction Advanced Technology Bonuses

New Construction Advanced Technology Bonus Incentives per Enrolled Dwelling Unit	Single Family	Multifamily Low-Rise
Variable Capacity Heat Pump (VCHP)	\$300	\$300
Heat Pumps without Electric Resistance	\$300	\$300
Integrated Heat Pump Space and Water Heating	\$1,000	\$1,000
Low Global Warming Potential (GWP) Heat Pump	\$800	\$800
Passive House Certification	\$1,000	\$400
Heat Pump Pool or Spa Heater (per installed piece of equipment)	\$1,000	\$1,000
Verified ACCA Technical Manuals (per plan type)	\$400	\$4,500
Central Heat Pump Water Heater Design (per project/developer and must include full MEP design, cost, and documentation)	N/A	\$5,000
Central Heat Pump Water Heater Installation (per unit served)	N/A	\$500

Layering Incentives and Rebates for Alterations

Additional funding sources:

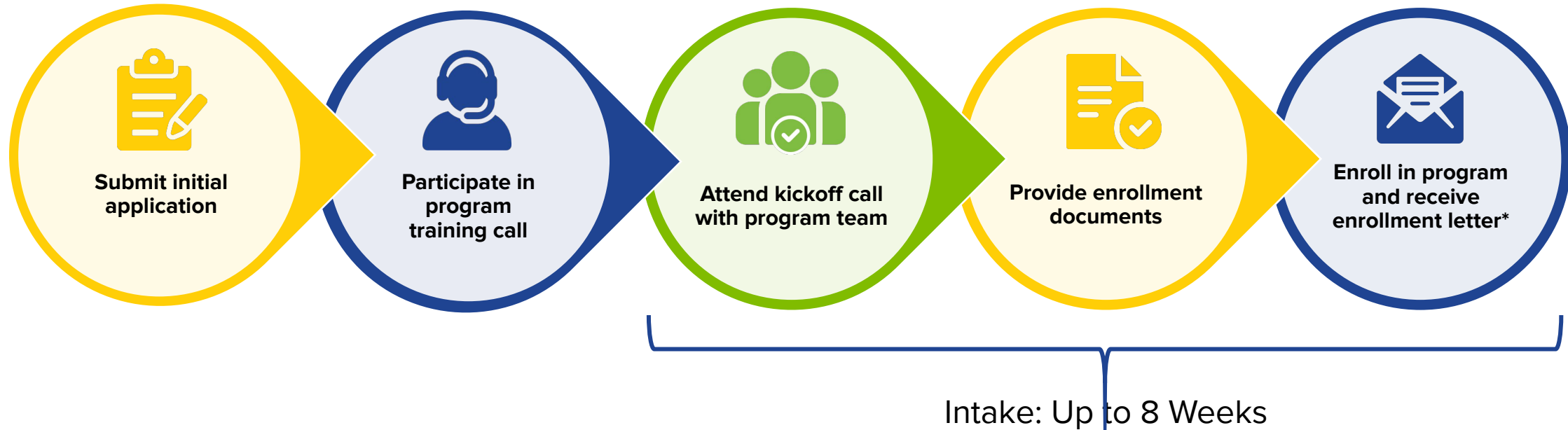
- TECH Clean California
- BayREN, SoCalREN, 3C-REN, I-REN, Rural REN
- Local CCA or Water District
- IRA Tax Credits





Next Steps

New Construction Project Enrollment Steps



*A project is considered enrolled when it receives an enrollment letter. **To receive incentives, lots and units must receive their certificate of occupancy after the project has been enrolled.** Lots that receive their certificate of occupancy before the project is enrolled are not eligible for incentives.



Powered for Change: A Path to All-Electric Homes



Introduction to Residential Electrification for Building Professionals

February 27 | 11am PST | [Register here](#)

YOU
ARE HERE

Electrification Policy, Standards, and Codes

April 30 | 12pm PDT | [Register here](#)

Introduction to Home Electrification for Homeowners

March 25 | 10am PDT | [Register here](#)

Health, Safety, Energy Equity and Resiliency

May 28 | 11am PDT | [Register here](#)

Design, Technology, and Renewables Integration

March 27 | 11am PDT | [Register here](#)

Operations and Maintenance of All-Electric Systems

June 25 | 10am PDT | [Register here](#)

California Energy-Smart Homes Resources



Contact us:

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- caenergysmarthomes.com



Thank you

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Q & A





**Program Spotlight - Jo Tavares, Director and
Betsy Pajevski, Fellowship Coordinator,**

California Center for Climate Change Education,
West LA College



Who we are:

**CA Center for Climate Change Education at West LA
College/ LA Community College District
Since April of 2023**

*Established by the California State Legislature
through the passage of **Assembly Bill 1913** to
support climate education, action, justice and
the creation of good “green jobs”.*



Education

Climate Studies & Environmental Justice Pathways

Environmental Science AST

Climate Change and Environmental Studies AA

Geography AAT

Certificates of Achievement

Climate Change Studies (Natural Sc. or Social Sc.)

Conservation Studies certificate program

Integrated Approaches

Climate Across the Curriculum

Climate Community of Practice

Seminars, Workshops, Field Trips, Poster
Showcases, Mentoring Programs



Workforce Development

Every Career is a Climate Career Summer Internship

DOL funded project (\$1.32 M for 2 years)

- Year 1 pilot: served 30 students placed in 19 host sites
- Year 2: 100 students in 80+ host sites

Great success, many challenges

Changes for Y2

- Better onboarding/ enrolling system
- Better pay system: hire employer of record
- Student success requires better basic skills training, coaching/ mentoring
- Host sites/ employers need more training, orientations, check-ins



NEW! Badge Programs offered in Spring to train groups of 10-15 students on specific skills and tools (e.g. Revid, R, STAR rating, GHG inventory/ assessment methods).

Introduction to ECOLOGICAL MODELING FREE Workshop Series

Gain computer training with R, an open-source and free software, to model and evaluate spatial patterns of biodiversity



Virtual Workshop | March 3 - May 26
Mondays and Wednesdays, 4:30 PM - 6:30 PM

Learning Goals:

- Gain the skills needed for jobs ranging from ecological research to environmental health assessments.
- Learn how to access & obtain public biological & environmental data
- Set up machine learning models and ecological analysis
- Learn how to evaluate the outputs of their machine learning models



Sign-up Today!

SPRING 2025

FREE
& Open
to all

Climate Marketing Workshop Series



Animation and Graphic Design Basics for Climate Marketing

Virtual Workshop | March 3 – May 26
Tuesdays and Thursdays, 4:30 PM – 6:30 PM

Learn these essentials:
Typography, Color, Composition,
Animation basics for visual storytelling,
Climate communication strategies in media

Hands-on projects:
Create motion graphics & engaging visuals
Develop a portfolio-ready, animated design

Biweekly Zoom Sessions:
Feedback, mentorship, and discussion



SIGN UP TODAY!

Join our training & Earn a Badge + Paid Internship



Get the skills you need for a high-impact career in sustainability! Our training program is designed in collaboration with industry leaders to ensure you gain the expertise required for real-world projects.



Register here!
Free

What You'll Get:

- ✓ **Industry-Aligned Training** – Focused on the exact skills needed for your internship.
- ✓ **Digital Badge** – A credential to showcase your expertise.
- ✓ **Paid Internship (100 hours)** – Gain hands-on experience in top firms.

Program Structure:

- Thursdays
- March 27th to June 12th
 - **DSK Training:** 5:00 - 6:00 PM
 - **LACCD Training:** 6:30 - 7:30 PM
- Meetings via Zoom
- Holidays: April 10th & 24th

Internship Opportunities:

- 🏢 **Architecture Firm:** Work on sustainable design and energy simulation.
- 🏢 **AEC Facilities Management Firm:** Focus on sustainable strategies and carbon computation. This is a cutting-edge learning model where industry needs shape your training—giving you a direct path to success!
- 👉 Paid internships at DSK, LACCD, and others



INTERNSHIP PROGRAM 2025

Join us for the CA Climate Center **PAID** Summer Internships

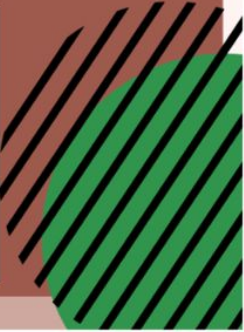


BENEFITS:

- Up to 20 hrs/ week working with a mentor in an organization, business or governmental office in projects to combat the climate crisis, promote environmental justice and climate action in LA
 - **\$20/ hr**
- Extra money for transportation available for in-person sites
- Hybrid and remote host sites available

- Follow us on IG: @climatectr_wlac
- Visit us at : wlac.edu/academics/climate-center

COMPLETE INTEREST FORM TODAY AND WE WILL FOLLOW UP WITH YOU TO LEARN MORE ABOUT YOUR INTERESTS AND FIND YOU THE IDEAL HOST SITE.



Workforce Development

New Climate Action and Environmental Justice Fellowship

- Partnership with the CA Youth Leadership Corps
- Each student gets \$15K for 9-mon long commitment
- 28 students: completing Climate Studies Certificate
- Host sites/ CBOS get \$4K per student hosted
- Total investment of ~\$500K/ year by CYLC



Community Outreach

Public Events:

- Earth Month Events (April)
- Annual Climate Palooza (October)
- Co-host events w/ internal and external partners (year-round)

Partnerships:

- K-12 schools
- Non-profit, governmental and private organizations
- Coalitions, Taskforces, Consortia
- Blue Economy and Climate Action Pathways

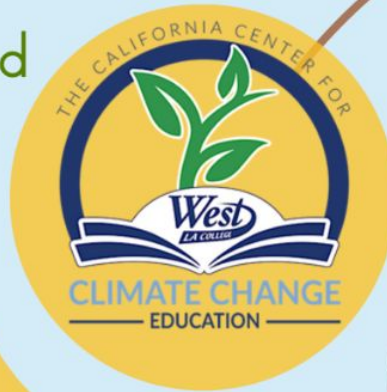


Earth Day & Climate Center 2nd Anniversary

Live music, games, prizes
Come build community and
learn about ways to
promote Climate
Resilience.



FREE plant-based
food for the first
100 people that
RSVP



Tuesday, April 22
10 - 2 PM
Wildcat Walkway





Who we are:

**CA Center for Climate Change Education at West LA
College/ LA Community College District
Since April of 2024**

*Established by the California State Legislature
through the passage of **Assembly Bill 1913** to
support climate education, action, justice and
the creation of good “green jobs”.*



Source:

<https://www.ayanaelizabeth.com/climatevenn>

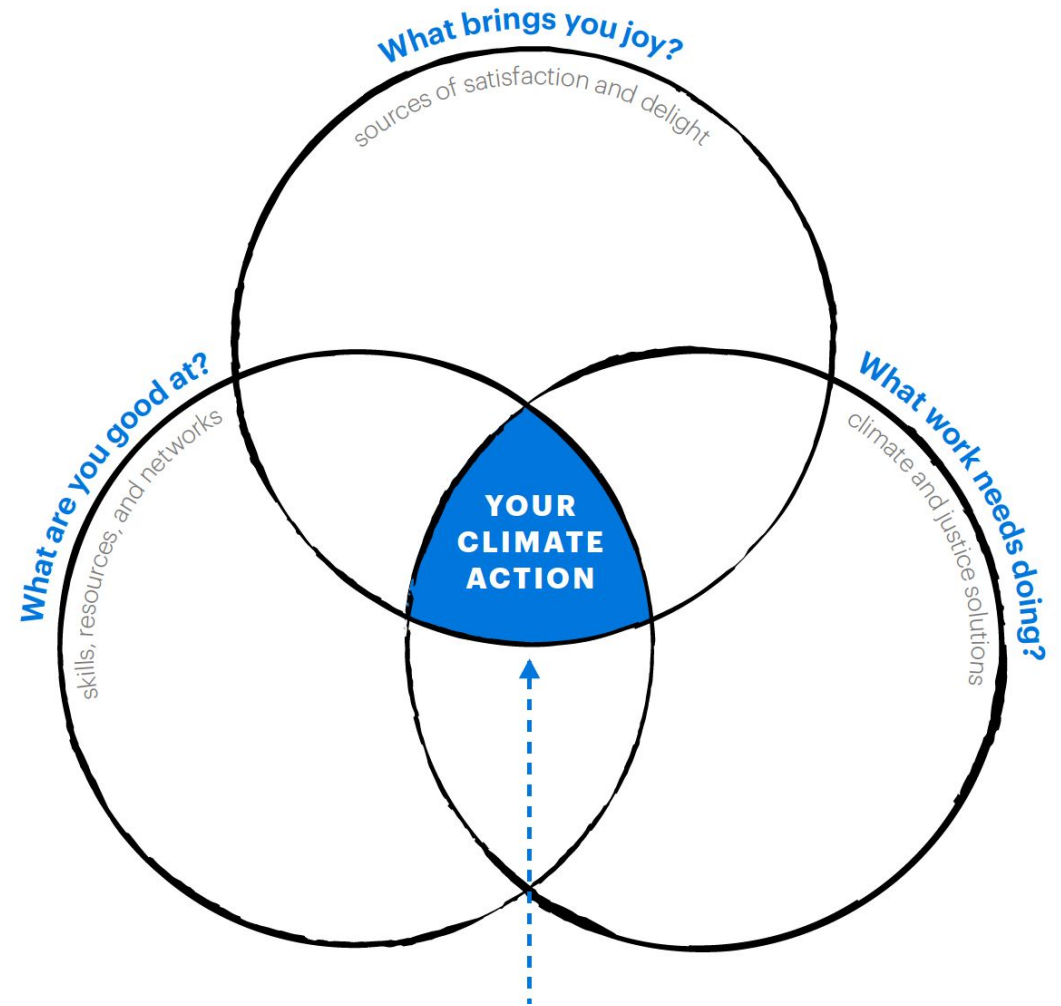
How you – **specifically you** – can help with climate solutions:

To find your meaningful and bespoke way to help address the climate crisis, draw your own Climate Action Venn Diagram.

What are you good at? What are your areas of expertise? What can you bring to the table? Think about your skills, resources, and networks—you have a lot to offer.

What work needs doing? Are there particular climate and justice solutions you want to focus on? Think about systemic changes and efforts that can be replicated or scaled. There are heaps of options.

What brings you joy? Or perhaps a better word is “satisfaction.” What gets you out of bed in the morning? Choose climate actions that energize and enliven you.





Thank you!

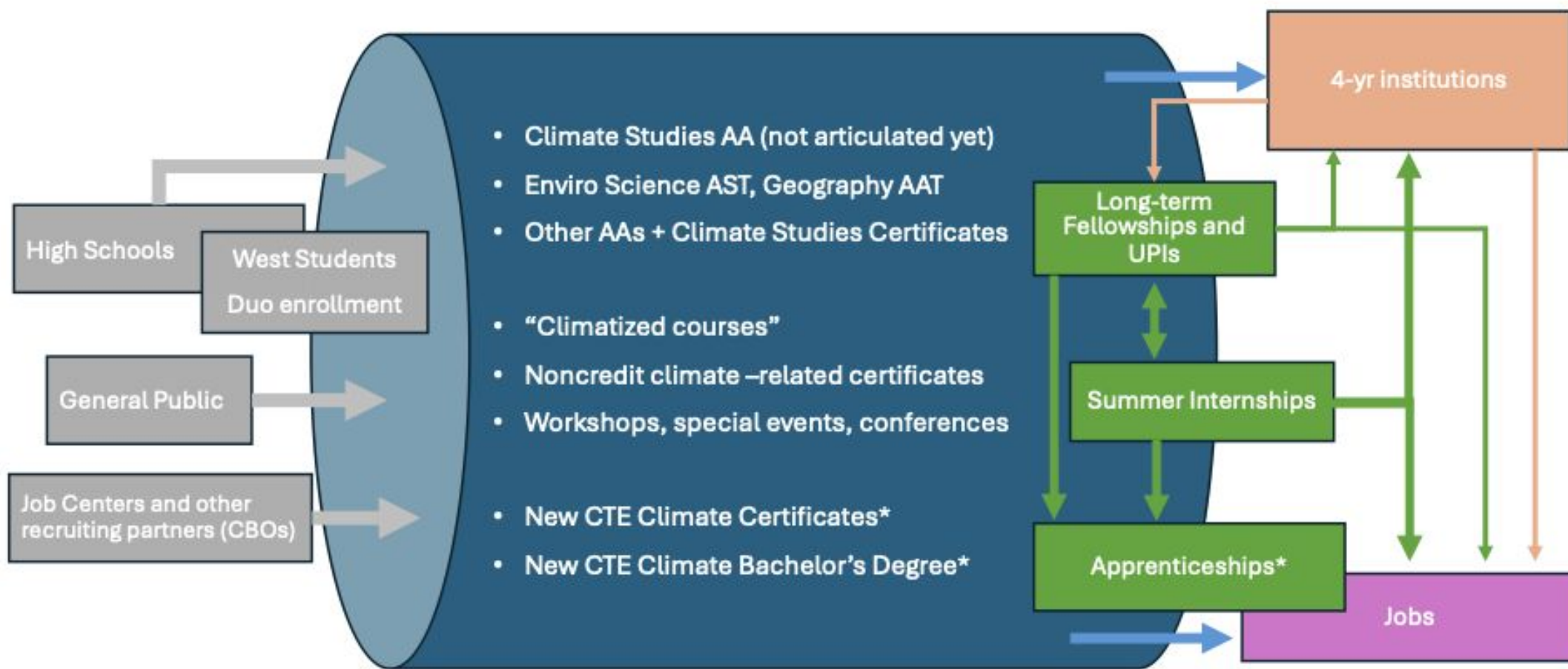
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In practice: Build a Climate Careers Pipeline



* Indicates that the program is still being developed

What's next?

- **Blue Economy and Climate Action Pathways (BECAP) Intersegmental Conference**
March 26 at the UCLA Luskin Conference Center
- **Augment partnerships with High Schools: Climate Ambassadors Program**
- **Create new stackable CTE Certificates: Nature Based-Solutions => Bachelors in Urban Agroecology**
Microforest, Nursery, Urban Farm & Training Center
- **Exploring New Funding Sources for *Every Career is a Climate Career* and other workforce programs**
Sp. Apprenticeships and more robust job placement strategies



Closing Remarks - Melanie Peck, Director of Workforce Development, USGBC-CA



Thank You!

