



EV Infrastructure at No Cost: Can't Get Better Than That!

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Annual Conference and Expo

Rebecca Hausheer, Director of Energy Services
The Energy Coalition

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Key Takeaways for Today

1. Understand why EV charging access is important for underserved communities
2. Learn about LA County's Public Power-Up EV charging station installation program
3. Recognize the value of combining EE projects with EV infrastructure



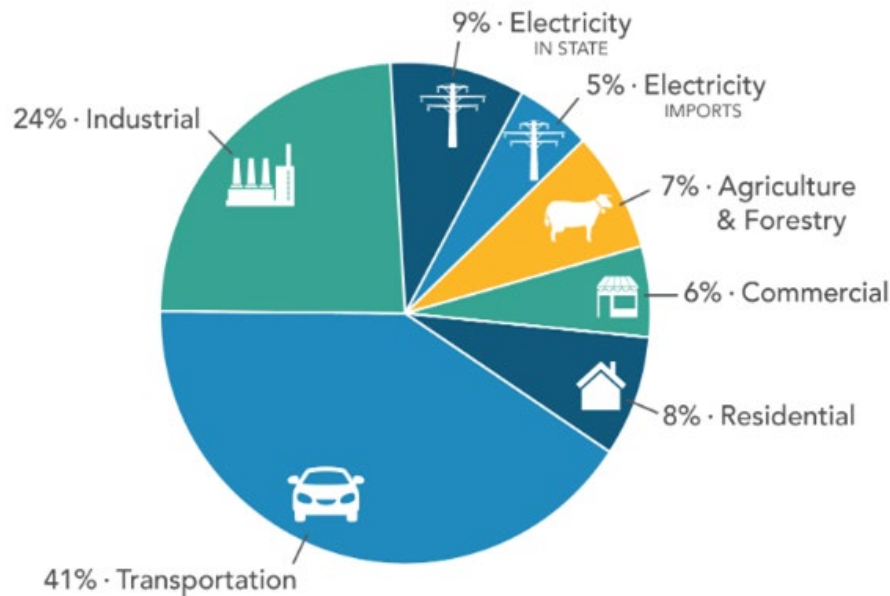
Introduction & Background

LOS ANGELES COUNTY
SANITATION DISTRICTS

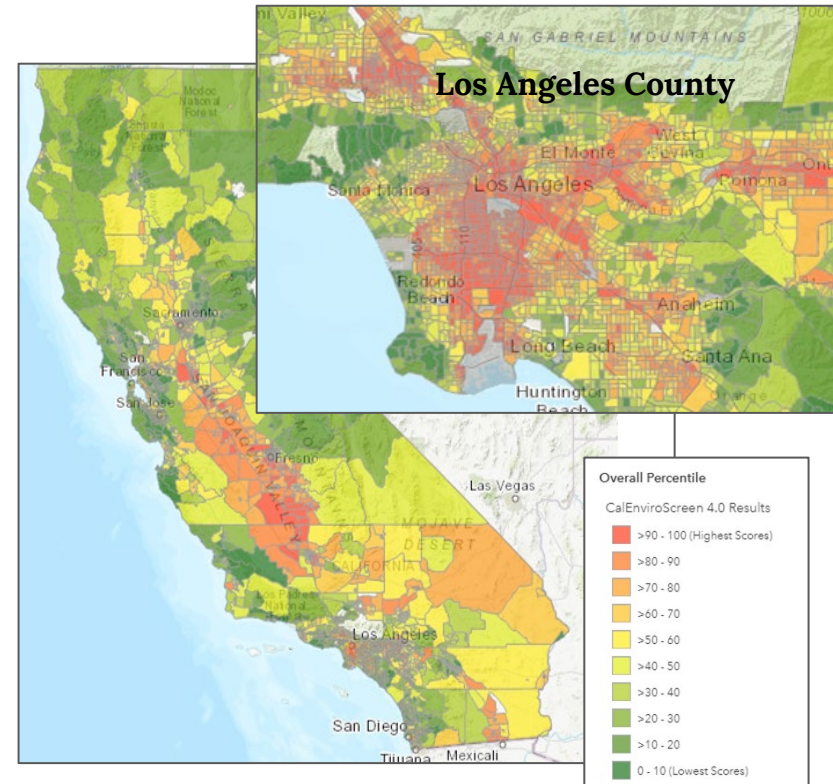


Why?

California's transportation sector represents nearly half the state's greenhouse gas emissions. Underserved communities are disproportionately burdened by the sector's pollutants.



California's GHG emissions in 2019 by economic sector
Source: [California Air Resources Board](#)



CalEnviroScreen 4.0 map of economic, health, & environmental burdens across California communities



The Value of EV Charging at Underserved Public Sites

Publicly accessible EV chargers

Increased EV adoption

Improved community health

State/local environmental justice & climate goals addressed

Addresses barriers to EV adoption in low-income and disadvantaged communities

Less exposure to localized tailpipe pollutants and decreased GHG emissions; improved economic outcomes

Less asthma, heart disease, lung cancer, etc.; mitigated long term health effects of climate change

Visible display of local government's commitment to sustainability, local clean air, and environmental justice



Los Angeles County's Public Power-Up Program

LOS ANGELES COUNTY
SANITATION DISTRICTS



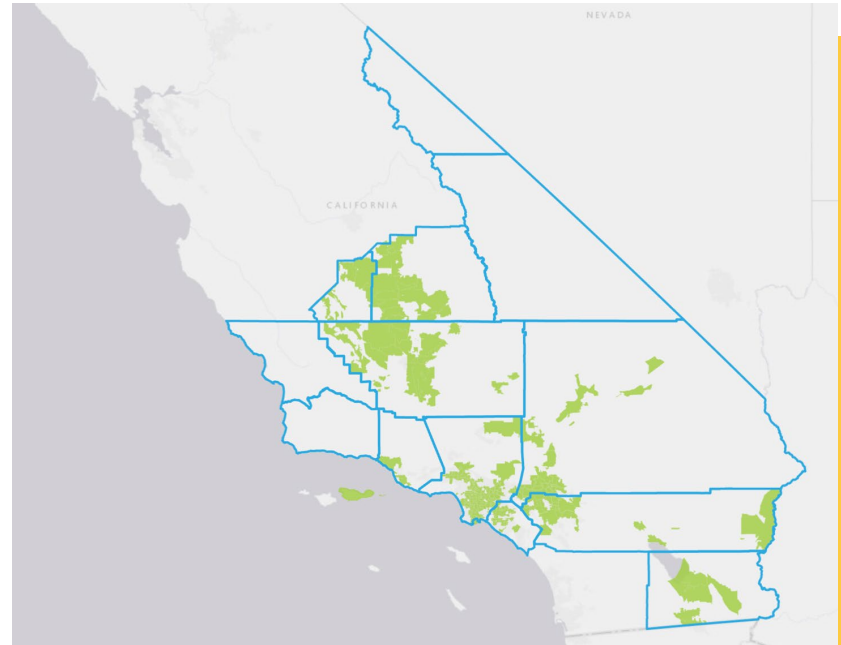
What is Public Power-Up?

The program offers unbiased, **technical expertise** and **project management services** needed to help public agencies address the rapidly growing demand for electric vehicles (EVs) by **offering EV chargers installed for you at no cost.**



Program Overview

- Public Power-Up installs electric vehicle (EV) charging stations **at no cost** at public facilities in/near disadvantaged communities across Southern California
- The program leverages California Energy Commission (CEC) grant funding and SCE's Charge Ready program
- We aim to install 130 EV chargers across 12 or more project sites before the program ends in 2024! Offered on a first come first serve basis.



Disadvantaged Communities in SoCalREN service area



Our Goals

- Provide clean mobility options for communities and multi-unit dwelling (MUD) residents
- Increase participation from DACs in clean mobility and improve air quality in communities more significantly burdened by pollution
- Drive deeper greenhouse gas (GHG) reductions by coupling energy efficiency upgrades and charging station infrastructure at public sites
- Build awareness and drive EV adoption in MUDs and the public sector

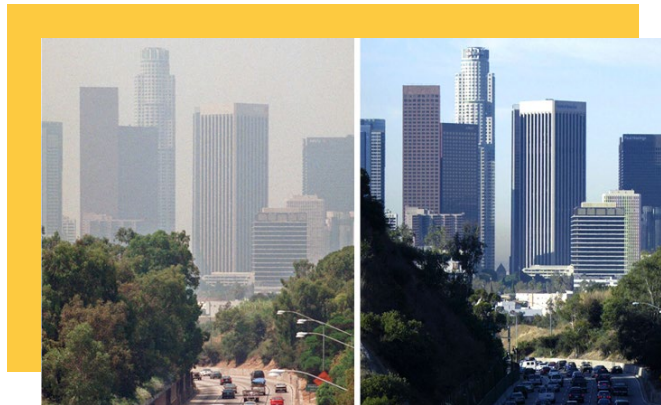


Photo: [The Torch](#)



Project Eligibility

Site Criteria

1. Public agency owned sites served by SCE
2. Publicly accessible
3. Pursuing SoCalREN Energy Efficiency (EE) opportunities in parallel
4. Within a quarter-mile of a MUD in a DAC, also within SCE territory
5. Parking space capacity to support at least 4 (10+ preferably) EV charging station ports
6. No existing public-accessible charging stations

Equipment Eligibility: equipment selected must be on the SCE Approved Product List (APL)



What do you have to do?

- Commit to energy efficiency upgrades at the site co-located with the planned EVSEs (our partner SoCalREN can help with this)
- Participate in the SCE Charge Ready program. Our program will help with any application paperwork
- Help obtain any required board/council approvals
- Pull permits with guidance provided by the program
- NO procurement needed since it is a direct installation



Engaged Local Governments



Program Partners



Case Study - City of Pomona Palomares Park

Reducing energy consumption at the site through energy efficiency helps offset increased energy demand from EV chargers

- Energy efficiency measures identified in 2019
- SoCalREN provided comprehensive project management and technical services
- SCE incentive of **\$4,710 secured**
- On-Bill Financing secured: **\$50,000**
- Leveraging **\$509,380** through SoCalREN's Revolving Savings Fund
- Assessing site for 4-10 EV charging station installations
 - SCE Charge Ready application submitted



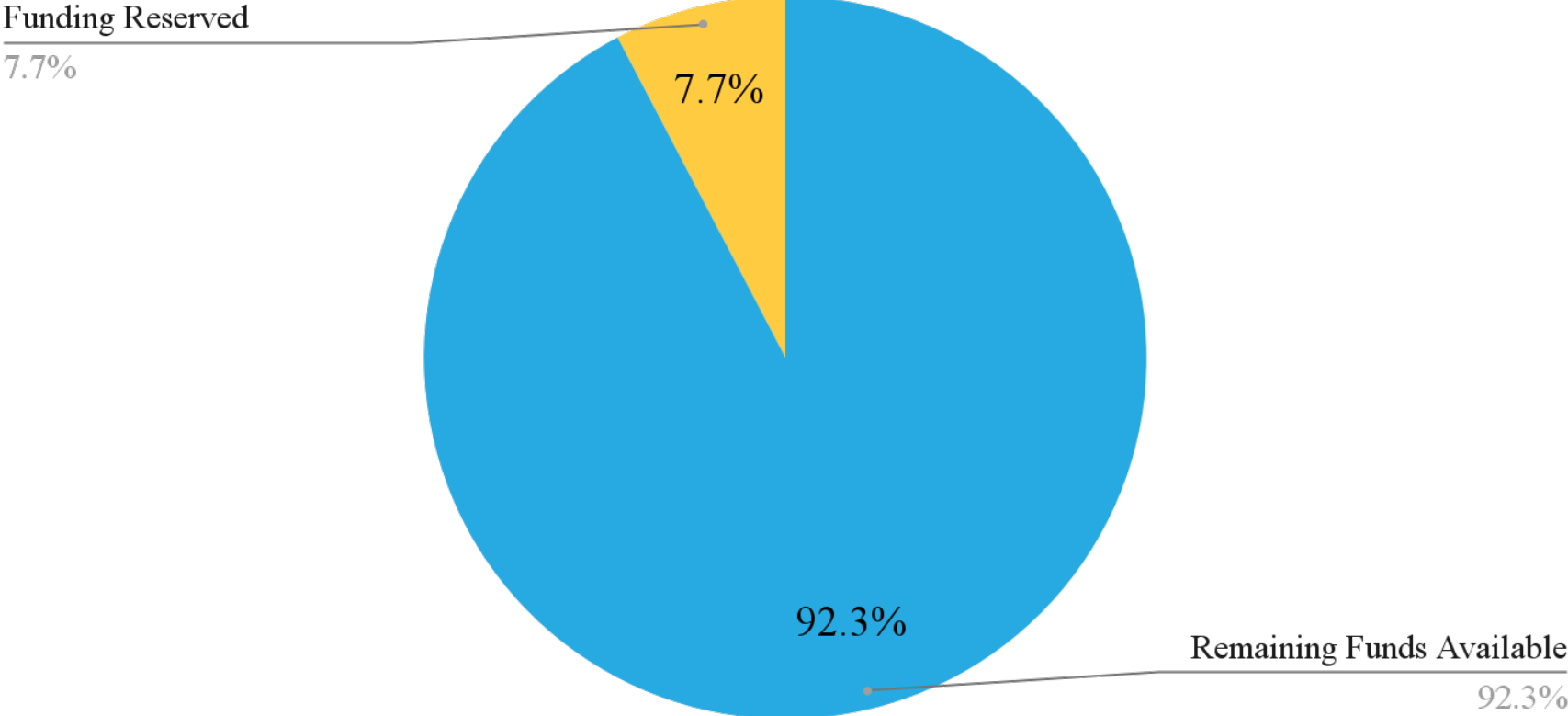
962,654 kWh
lifetime energy savings



\$224,240
lifetime savings



Program Status



Thank you!



Rebecca Hausheer
The Energy Coalition
(213)-797-7808
rhausheer@energycoalition.org



socalevenaccess.org
hello@socalevenaccess.org

Resources & Information

LA County EVen Access Programs
socalevenaccess.org

Southern California Regional Energy Network
socalren.org

SCE Charge Ready
sce.com/evbusiness/chargeready



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