



2025 EPIC HIGHLIGHTS

ELECTRIC PROGRAM INVESTMENT CHARGE

California's premier public interest research program | Advances affordability, clean energy innovation, and entrepreneurship | Spurs technologies and research that help achieve the state's climate and energy goals

EPIC Investments (2011 – 2025): Cumulative Accomplishments



Building Decarbonization

Improves affordability, energy efficiency, resilience, health, and comfort in the built environment, while reducing fossil fuel use in homes and businesses.

\$334 Million – 135 Projects



Entrepreneurial Ecosystem

Supports innovative clean energy technologies from lab to market, accelerating breakthroughs to meet state goals, reduce technology costs, and create local jobs.

\$300 Million – 68 Projects



Grid Decarbonization & Distributed Energy Resources

Promotes adoption of clean distributed renewable energy and a smarter, more flexible electric grid to reduce utility infrastructure costs and help future-proof California's electric system.

\$356 Million – 176 Projects



Industrial & Agricultural Innovation

Advances decarbonization of large emissions-intensive sectors, while supporting California communities, economic development, and public health.

\$196 Million – 80 Projects



Clean Transportation

Optimizes and scales zero-emission vehicle adoption and grid integration to expand clean mobility solutions, improve air quality, increase charging access, and reduce consumer costs.

\$130 Million – 51 Projects



Resiliency, Health, & Safety

Strengthens climate resilience, sustainability, and non-energy benefits, advancing a more equitable, safe, healthy, and affordable clean energy transition.

\$230 Million – 92 Projects

EPIC INVESTMENT IMPACTS

\$1.5 BILLION

EPIC clean energy investments in research, development, demonstration, and commercialization

\$19.8 BILLION

Private follow-on funding attracted

\$830 MILLION

Project match funding received

\$46.7 MILLION

EPIC projects on California Native American tribal lands

67% OF DEMONSTRATION FUNDS

EPIC investments benefitting and located in low-income or disadvantaged communities

EPIC IN 2025

\$213 million awarded and 38 projects completed

EPIC grantees reported for the year:*

- More than **\$2.2 million saved** on utility bills.
- Nearly **5.3 gigawatt-hours** of electricity consumption and more than **178,000 therms** of fossil gas consumption **avoided** — enough to power 675 homes for a full year.
- More than **6,000 metric tons** of carbon dioxide equivalent emissions **avoided** — equivalent to removing 1,400 gasoline-powered cars from the road for one year.
- More than **850 full-time jobs enabled**.

*Based on responses from a yearly survey of grant recipients

SPOTLIGHT PROJECTS

Advanced Energy Community (AEC) in Bassett and Avocado Heights, Los Angeles County:

Improving Affordability and Equity through Building Decarbonization

- Deployed community-scale building retrofits and clean energy technologies in under-resourced neighborhoods using innovative technical and financial strategies.
- Partnered with clean energy researchers, nonprofit organizations, and local leaders to install customized renewable energy systems, home electrification solutions, and electric vehicle (EV) charging stations to improve affordability and comfort while reducing on-site emissions.
- Saved up to 20 percent on electric bills across 360 households.
- Installed rooftop solar and battery energy storage for 44 income-qualified homes.
- Developing a scalability toolkit to support community choice aggregators, utilities, and local governments to easily roll out their own AECs.



Battery storage and solar installation at a home in the Bassett and Avocado Heights Advanced Energy Community.

Photo credit: The Energy Coalition



It's Electric: Expanding Access to EV Charging

- Demonstrating new no-cost, public, curbside, bi-directional EV charging systems.
- Expanding charging at lower prices for residents of multifamily homes and dense city communities that lack access to on-site charging.
- Distributing free charging cables to enrolled EV drivers to encourage widespread use — saving money and creating economic opportunities for drivers and property owners.
- Reducing grid congestion by offering more charging opportunities that can disperse where electricity demand is located.

Public bidirectional curbside chargers installed by It's Electric.

Photo credit: It's Electric

The EPIC Program is funded by California electric utility customers under the auspices of the California Public Utilities Commission.



Learn more about the EPIC program.



View videos highlighting EPIC success stories.



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June 2026