



2023 Annual Report

**CLEAN TRANSPORTATION AND ENERGY PROGRAMS
INTERNAL SERVICES DEPARTMENT
COUNTY OF LOS ANGELES**

Leading initiatives to build an equitable electric vehicle (EV) charging network, to encourage sustainable transportation.

TODAY'S CHARGE, TOMORROW'S CHANGE

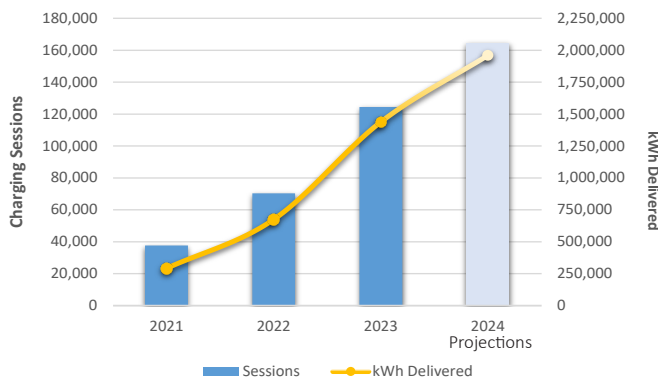


The Internal Services Department's (ISD) Clean Transportation and Energy Programs (CTEP) team serves as the County of Los Angeles's (County) champion for expanding equitable access to EV charging infrastructure. CTEP makes significant gains each year to increase charging availability while striving to meet the County's goals to create a sustainable future where clean transportation is accessible to all. As of December 31, 2023:

- **1,356** chargers are available within the County's EV Charging network.
- **81** county facilities have publicly accessible EV chargers.
- **98%** average uptime for the County's EV charging network.



2023 showed a consistent upward trend in energy consumption and charger utilization.



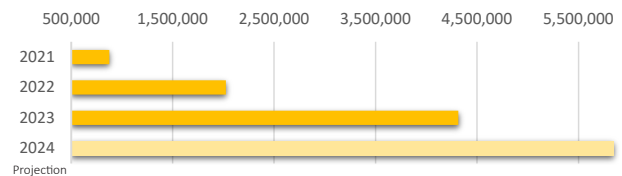
NEW CHARGING LOCATIONS

35% Percent increase in new charging sites in 2023 with EV charging access for public and fleet charging.

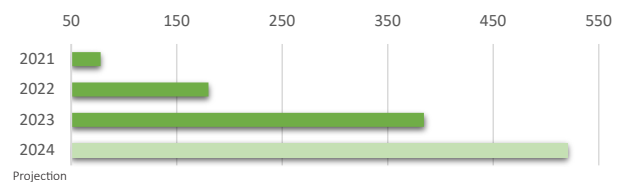
DEPTS. PARTICIPATING

78% Percent, or 30 out of 38 County departments currently participating in EV charging.

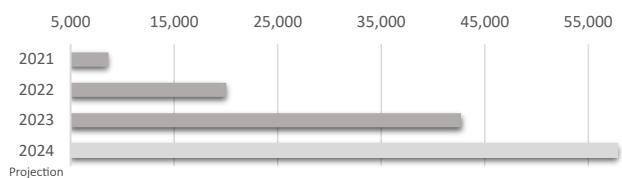
Electric Miles Delivered



CO2 Emissions Avoided (Metric Ton)



Gallons of Gasoline Avoided



In 2023, **300** EV chargers were added, and **21** new sites were added to the charging network.

ISD played a pivotal role in meeting annual EV charging targets by effectively managing the deployment of charging infrastructure.

Through CTEP's strategic planning, ISD has ensured the continual placement of charging stations in key underserved areas, fostering increased accessibility and equity in EV charging services. CTEP's aim is

to install electric vehicle supply equipment (EVSE) through an equitably distributed process to maximize environmental, economic, and social benefits.

As of December 31, 2023, ISD has installed more EV chargers than many leading private EV charging companies within the County, and manages one of the largest municipal charging networks in the country.

2023 Grants & Outreach

CLEAN TRANSPORTATION AND ENERGY PROGRAMS

ISD actively researches, writes and applies for Federal, State, and local grant funding for EVSE, solar, and battery backup systems. ISD, working with other County departments, applies for funding on behalf of Customer departments to support project implementation.



⚡ For ISD, grant priorities for EV infrastructure projects are strategically aligned to address various aspects of equity, sustainability, and community development.

Grants play a pivotal role in supporting the County's EV charging projects, serving as essential financial catalysts for the widespread adoption of sustainable transportation infrastructure. Grants provide much-needed funding to offset the high initial costs associated with installing charging stations,

ensuring that LA County can deploy these critical chargers without burdening taxpayers.

CTEP's Grant Priorities include: Equitable access, Solutions for high-need communities, diverse and resilient charging solutions, workforce development, community engagement, clean mobility solutions.

⚡ In 2023, ISD was awarded 2 new grants. ISD now manages 6 grants that focus on clean transportation and energy.

Grant	Funded	Match	Total	Grant Status
CEC-REACH	\$1.575M	138K	1.714M	● In progress
CEC-IDEAL	\$549K	\$50K	599K	● In progress
CEC-CHILL2	\$6M	\$2M	\$8M	● To Start
Caltrans	\$762K	\$87K	849K	● In progress
CARB-STEP	\$7.171M	\$283K	7.4M	● To Start
LADWP	\$300K	\$435K	735K	● In progress
Total	\$16.5M	2.99M	19.49M	

In 2023:

EVENTS ACTIVITY



CTEP participated in **7** grant-focused community engagement events, strategically dedicated to advancing widespread EV charging and adoption in high-need areas throughout the County.

SURVEY PARTICIPATION



CTEP collected **1,500** survey responses from various outreach campaigns. The results offer a comprehensive look into community needs, and will aid in informing decision-making to further enhance and support EV initiatives.

WORKFORCE TRAININGS



CTEP helped organize **4** workforce pilot trainings focused on equipping **50** participants with essential EVSE maintenance skills. These trainings will aid in fostering skilled workforces to maintain sustainable charging networks.

PARTNERSHIPS



CTEP successfully forged **11** strategic partnerships with public/private sector organizations dedicated to advancing EV charging and adoption initiatives. These partnerships facilitate the development of robust regional EVSE infrastructure programs.

2023 Community Event Highlight

⚡ In 2023, CTEP engaged in various outreach events to gather input from community residents to help inform where electric mobility resources will be installed:

For example, as part of the California Energy Commission-Reliable, Equitable, Accessible Charging (CEC-REACH) grant:

- CTEP developed a multi-question survey to gather feedback on what types of EV resources residents would like to see in their communities.
- The survey results will be reported to the CEC to provide insights on the electric mobility needs of high-need communities, and will help shape future grants to target similar disadvantage communities throughout the state.

