



# 2024 Annual Report

Encouraging sustainable transportation by creating an equitable electric vehicle (EV) charging network throughout Los Angeles County.

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.

Each year, CTEP makes significant gains to increase charging availability in order to meet the County's goals to create a sustainable future where clean transportation is accessible to all.

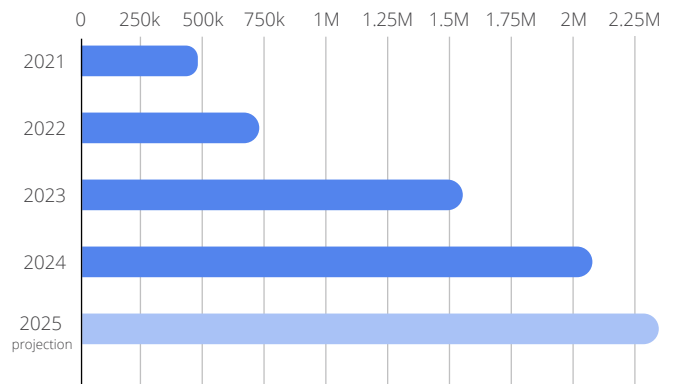
## Expanding Our Network

Throughout 2024, the ISD's CTEP team bolstered our EV charging network and expanded coverage throughout Los Angeles County. In 2024, we:

- Added **149** new chargers and **97** new sites to the charging network
- Recorded **209,868** individual charging sessions with **7,033** County fleet vehicles

The total number of chargers available within the County's EV charging network is **1,505** and growing.

kWh Delivered



## CTEP Performance at a Glance

The year 2024 exceeded all our expectations.

### Charge Utilization:

The charge utilization rate was **<10%**, with a monthly average of **5.7 hours** per charging session.

ISD delivered **109,844 hours** in charging sessions in December 2024.



## Grants and Outreach

ISD CTEP actively seeks grant funding for EV supply equipment, solar, and battery backup systems from various government sources. Collaborating with other County departments, ISD applies for these grants, with a focus on equitable access, high-need community solutions, diverse charging options, workforce development, community engagement, and clean mobility solutions.

2024 awards included:

**CHiLL2 Grant** | \$6,000,000 in funding | For 300 L2 chargers  
To work with William C. Velasquez Institute and GRID Alternatives to develop and coordinate various community outreach events in the East Los Angeles area to promote EV charging and purchasing through a community-driven lens.

**Government Fleets** | \$3,113,046 in funding  
For 220 L2 chargers, 10 DCFC chargers  
To work with internal County stakeholders to ensure an equitable distribution of County fleet charging resources throughout the County.

## Driving Positive Impacts Throughout the County

Throughout this past year, ISD CTEP has made a pronounced impact on our County and our environment.

Environmental Benefits		Economic Benefits		Network Indicators	
Indicator	2024 Value	Indicator	2024 Value	Indicator	2024 Value
CO <sub>2</sub> Emissions Avoided	3,784 metric tons	Estimated Driver Fuel Savings	\$880,362	Unique Drivers (Total)	32,501 unique users
Gallons of Gasoline Avoided	368,723 gallons	Charging Revenue Generated	\$834,468.00	Average Monthly Drivers	Approx. 2,708/month
Electric Miles Delivered	9,365,556 miles	Total Sessions	209,869 sessions	Public Sessions (est.)	Approx. 202,836 sessions (Total)
Growth in Electric Miles (vs. 2023)	+95%	Fleet Sessions	7,033 sessions	Year-over-Year Growth in Unique Drivers	+48% (est.)
kWh Delivered (All Charging)	2,809,667 kWh	Growth in Sessions (vs. 2023)	+69%		

### Year-Over-Year Growth, 2023 to 2024

Metric	2023	2024	% of Growth
Sessions	124,429	209,869	+68.6%
kWh Delivered	1,438,742	2,809,667	+95.3%
Electric Miles Delivered	4,795,807	9,365,556	+95.3%
Unique Drivers	20,215	27,036	+33.6%
CO <sub>2</sub> Avoided (M Tons)	1,938	3,784	+95.3%
Fuel Savings	\$450,805.82	\$880,362.29	+95.3%

## Community Engagement and Outreach

- **Partnerships:** Formation of multiple strategic partnerships with public and private sector organizations, such as with GRID Alternatives, the William C. Velasquez Institute, LA Metro, and the City of Los Angeles.

- **Events:** Participated in 33 events: six at Los Angeles County Development Authority public housing sites to gather resident input for the California State Trade Expansion Program grant, and 27 throughout the Gateway Cities to gather resident input for the Caltrans grant. Residents completed 904 surveys, with the majority of responses provided in Spanish.
- **Awards:** Have won awards for EV charging access, including two 2025 Los Angeles Department of Water and Power Sustainability Awards for projects delivered in 2024.



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