Caret®
EV Charging
Knowledgebase

Securely, easily collect and analyze EV charger data

MONITOR CHARGER UPTIME, USAGE

Government agencies, utilities and businesses are embarking on a vast deployment of EV chargers. Being able to monitor charger usage and performance is increasingly important to meet regulatory and business objectives.

Center for Sustainable Energy, a national nonprofit, has developed a network/vendor-neutral platform to collect EV charger usage data to help state agencies, utilities and other businesses report on EV charger uptime, usage and other metrics.

Get objective answers to:

> What is average charger uptime?

> How much maintenance is required to keep chargers working?

> Where does charger supply not match demand?

> How does EV charging vary across deployment types?

> How does EV charging coincide with grid emissions generation and load profiles?

Caret EV Charging Knowledgebase uses data from EV charging sessions to help states, utilities and business enterprises fine-tune a charging deployment strategy.

Understand when and where charging occurs to inform future investment.

BETTER EV CHARGER PLANNING BASED ON DATA

Caret EV Charging Knowledgebase securely aggregates and analyzes anonymized data to understand how, when and where EV charging is actually being used. This data can spur investments that are optimized for charger uptime, location and emissions impacts.

Key Metrics

Track and analyze program metrics such as:

> Incentivized charger types and locations

> Charger utilization

> Charger uptime

> Greenhouse gas reductions

Custom Filters

Sort data by:

> Month, year

> City, county, zip code

> Community status such as disadvantaged, low-income and others

> Utility service territory

> Connector type

> Charger power level

Insights and Trends

Gain visibility on:

> Increases in charging demand over time

> Charging revenue potential

> Downtime patterns by equipment type

> Future grid investment needed

> Predicting peak charging demand

> Meeting equity investment goals

> Avoiding stranded charging investments

Independent • Experienced • Data-Driven

A TRUSTED PARTNER

Center for Sustainable Energy® (CSE) is a national nonprofit that accelerates adoption of clean transportation and distributed energy through effective and equitable program design and administration. Governments, utilities and the private sector trust CSE for its data-driven and software-enabled approach, deep domain expertise and customer-focused team. CSE's fee-for-service business model frees it from the influence of shareholders, members and donors, and ensures its independence.

To learn more, visit **EnergyCenter.org/software/caret** or email **consult@energycenter.org**.