

# Column Descriptions

## Charges per Day

Number of charging sessions occurring at a station on a typical day. Reflects station usage frequency.

## Energy Delivered (kWh)

Total electrical energy delivered to EVs. Indicates power output of the station.

## Revenue per Session

Income earned from a single charging session. Useful for calculating overall financial efficiency.

## Avg Time per Charge (min)

Average duration of a single charging session. Helps evaluate operational efficiency.

## Charger Utilization Rate (%)

Percentage of time the charger is actively used. Indicates utilization and demand.

## Energy Source

Type of energy supply (e.g., Grid, Solar). Impacts sustainability assessment.

## % Renewable Energy Used

Percentage of energy drawn from renewable sources. High percentage implies greater sustainability.

## CO2 Saved (kg)

Estimated kilograms of carbon dioxide emissions avoided by using EV charging over fossil fuels.

## ICE Kilometers Avoided

Distance (in km) not traveled using Internal Combustion Engine vehicles, reducing emissions.

## Fuel Avoided (liters)

Volume of fossil fuel (in liters) avoided due to EV usage.

## Carbon Offset Potential (tonnes)

Total carbon emissions (in tonnes) potentially offset by the station's operations.

## Equivalent Trees Planted

Estimated number of trees required to absorb the same amount of CO2 saved. A relatable sustainability metric.

**Revenue/kWh**

Ratio of revenue per session to energy delivered. Indicates financial efficiency per unit of energy.

**Energy Efficiency**

Energy delivered divided by average time per charge (kWh/min). Shows how quickly energy is delivered.

**CO2 Saved/Session**

Total CO2 saved divided by number of sessions. Measures environmental impact per charge.

**Sustainability Score**

Composite metric derived from renewable usage, CO2 saved, fuel avoided, and utilization rate to reflect overall sustainability performance.