

TRANSPORTATION ELECTRIFICATION

Supporting your efforts to adopt game-changing technologies.

The path to a better world.

California is working hard to improve air quality. The State has set goals to reduce its greenhouse gas (GHG) emissions by 40% from 1990 levels by 2030 and 80% by 2050. The transportation sector, including oil refineries, creates 50% of the GHG emissions in the state and provides the single largest opportunity to reduce emissions through electrification.



California's goals are some of the most ambitious in the world. Southern California Edison (SCE) and other utilities operating in the state are playing a proactive part in this significant reduction effort, supporting cleaner generation of electricity through increased use of renewable energy and encouraging greater adoption of Transportation Electrification (TE).

This fact sheet provides an overview of our programs and services to help our business customers throughout their TE-related initiatives from early pre-planning assessments to deployment and operations.

Let's start with the basics.

TE refers to using electricity from external sources such as the electric grid to power all or part of vehicles for transporting passengers and goods. It also includes the related charging (for battery-operated vehicles such as passenger vehicles) and propulsion (for non-battery operated vehicles such as trains) infrastructure.

You may want to consider TE if you manage a fleet or want to meet the charging needs of your employees, customers, residents, or visitors.

A world of opportunities.

Most segments of the transportation sector have viable electrification options. And now with expanded battery range and faster charging options, the latest models of vehicles and charging stations can meet many of your business needs. Whether you are focusing on providing a better environment inside or outside your facilities, electric vehicles are the way to go!

For More Information
[sce.com/TE](https://www.sce.com/TE)

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Vehicle Classes

Light-duty Vehicles

From passenger vehicles to compact vans and warehouse carts, a wide range of light-duty vehicle models with proven technology can support your team of road warriors and your facility operations.

Medium- and Heavy-duty Vehicles

Forklifts, trucks, tractors, commuter buses, and several other types of vehicles are now available in many classes. Also, electric transportation refrigeration units and truck stop electrification provide considerable improved air quality with idled vehicles.



A world of benefits.

Environmental

Electric vehicles can be zero-emission or near-zero-emission, depending on the drive technology you select, reducing harmful pollution and greenhouse gases. Charging or “fueling” through our grid is clean, as we meet or exceed state renewable energy requirements.

Reduced Costs

TE helps you get the upper hand on your operating costs as electric fueling costs are on average more stable and lower than most fossil fuel costs. We have also developed several rate plans specifically designed for TE to help you make the most out of the grid. Plus, electric vehicles often have simpler maintenance and longer lifespans.

Ease of Fueling

After you’ve deployed charging infrastructure, you’ll have access to an unlimited supply of electric fuel. Unlike conventional vehicles, EVs that rely only on electricity do not require supply management or on-site storage of other fuels.

Financial Incentives

As the state of California and local government agencies promote TE, many financial incentives to reduce upfront costs are available to business organizations interested in acquiring vehicles and deploying charging infrastructure. Federal, State, and Agency grants are also available to participate in demonstration of those TE technologies that have not reached commercial availability.

Prime Technology, Prime Data

Many new electric vehicles are packed with technology to improve driving and efficiency, including more valuable data and tools to help you manage your fleet operations.

TRANSPORTATION ELECTRIFICATION

Attractiveness and Retention

TE adoption may provide communication opportunities and will reinforce the technology-driven image of your organization. It may also help attract and retain customers, employees, or residents if you choose to deploy charging infrastructure for them.

Corporate Citizenship

Organizations that are adopting TE demonstrate corporate citizenship and a focus on sustainability by converting their fleet and deploying charging infrastructure to achieve their commitments of responsible business behaviors and practices.

We're helping with more TE programs and services.

Electric Vehicles

If you're just starting to consider TE and want to know more about the basic technologies and vehicles available for your fleet needs, start **here**. We also have tools to help you evaluate conversion of your fleet, as well as its carbon footprint.

Equipment and Installation

Charging infrastructure goes hand in hand with TE and provides the convenience of "fueling" on-site. We can help you understand the various charging technologies available and guide you through the deployment process. We also have additional resources to support deployment at workplaces and multi-unit dwellings.

Managing Costs

If you are researching TE financial incentives available to organizations like yours, **here** is a good place to start. We also have several **rate plans** tailored to electric vehicle charging, together with a **rate analysis tool**, and resources to optimize charging costs.

Customer Programs

We offer several customer programs to support TE adoption, with more initiatives in the works. Be sure to visit **sce.com/TE** for up-to-date information on our latest offerings.



Have a question or want to discuss your TE plans?

Please call your SCE Account Manager or 1-800-990-7788.

Or for more information, visit [sce.com/TE](https://www.sce.com/TE).

Please note that your actual energy costs may vary depending on your electric rate schedule, your energy usage pattern, operating hours, and service voltage. Businesses interested in setting up EV-charging services should understand the legal, regulatory, and other requirements that may be involved. We cannot advise customers on pricing or other aspects of a business establishing EV-charging services.