LET YOUR NEXT VEHICLE BE AN ELECTRIC VEHICLE (EV)

ELECTRIC VEHICLE CHARGING STATION STUDY

EV DRIVING BENEFITS
- Quiet ride
- Fun to drive
- Smooth operation
- Better handling
- Increased reliability

EV ENVIRONMENTAL BENEFITS
- No tailpipe emissions
- Cleaner air
- Greenhouse Gas emission reduction
- Improved community health and air quality

SAMPLE ANNUAL VEHICLE OWNERSHIP COSTS

- Typical gas sedan: $3,837
- Typical 40 kWh EV sedan: $2,864
- Gasoline: $1,580
- Electric: $759

LIFETIME COST OF OWNERSHIP

Average savings calculated using the Alternative Fuels Data Center Vehicle Cost Calculator (https://afdc.energy.gov/calc/)

See available EVs at https://afdc.energy.gov/vehicles/search/
ALL THE WAYS TO CHARGE

Level 1 Charger
Uses a standard 110-V household outlet. Very low cost and ideal for overnight residential charging. Recharges 3.5-6.5 miles of range per hour.

Level 2 Charger
Ideal for overnight residential, workplace, and commercial charging. Low-mid cost and recharges 14-35 miles of range per hour. All EVs can use Level 2 chargers.

Level 3 DC Fast Charger
Ideal for short stops along major travel corridors. High cost but can recharge up to 80% in under 30 minutes. Different EV brands are compatible with different chargers.

Save money by charging your EV during off-peak times in the middle of the day when there is extra solar power, or overnight when demand is low. With smart meters you can charge your EV when there is extra renewable energy available. In the future, vehicle-to-grid technology can allow the EV to power the grid and YOU will get paid for it!

To find the location of your nearest EV charging station, visit: www.plugshare.com

TIME-OF-USE RATES

Save money by charging your EV during off-peak times in the middle of the day when there is extra solar power, or overnight when demand is low. With smart meters you can charge your EV when there is extra renewable energy available. In the future, vehicle-to-grid technology can allow the EV to power the grid and YOU will get paid for it!

Emissions Savings (Annual)
EV vs. Gasoline

Cost of Electricity During the Day

<table>
<thead>
<tr>
<th></th>
<th>8am</th>
<th>4pm</th>
<th>9pm</th>
<th>8am</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$</td>
<td>$$$</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

BECAUSE CALIFORNIA USES A LOT OF CLEAN ENERGY, THE EMISSIONS FROM DRIVING AN EV ARE SIGNIFICANTLY LESS THAN A GASOLINE VEHICLE.

Save Even More with Federal, State, Local, and Utility Incentives for EVs and Chargers*

| Federal tax credit for electric vehicles: $7,500 (max incentive, varies by manufacturer) | California Clean Vehicle Rebate Project for New EVs: $2,000 – $4,500 (income-eligible) | South Coast Air Quality Management District – Replace Your Ride: $9,500 for New EVs (income-eligible) | All – Special time-of-use rates to reduce the cost of EV charging |
| California Clean Fuel Reward for New EVs: $750 | South Coast Air Quality Management District – Residential EV Charging Incentive Pilot Program: $500 | LADWP – Charge Up LA!: Used EVs -$1,500 Chargers - $750 | Southern California Edison Pre-Owned EV Rebate: $1,000 – $4,000 (income-eligible) |

*As of February 2022, to see a list of all available incentives in your area visit https://afdc.energy.gov/laws