

# Electric Vehicle (EV) Charging Checklist

Interested in converting your fleet over to EV? Not sure what to look for when purchasing EV charging stations? This quick check list will help you maximize your savings and enjoy all the benefits of e-mobility.

## #1 EV Charger Types

To get the most out of your EVs, you must charge them regularly. Consider how your property is setup and how frequently you can charge. With different levels of EV chargers available, you'll need to understand which will provide you the long-term performance you need. Currently over 80% of public EV charging stations are Level 2 equipment. Certified and trained installers can assist you with any additional electrical requirements that need to be addressed.



## #2 EV Tax Incentives

As e-mobility technology becomes more sophisticated and the demand for EVs increase, both State and Federal Governments provide incentives to help build a market for electricity fuel and vehicles. In addition to new laws being passed, tax credits are available to purchasers of EVs and depend on a variety of factors, including geographic location. To research which state and federal incentives you qualify for, visit the U.S. Department of Energy's Alternative Fuels Data Center: <https://afdc.energy.gov/fuels/laws/ELEC>



## #4 Check Available Utility Rates

Some utilities offer time-of-use rates, which lower the costs of electricity during off-peak hours. These type of plans can offer fleet owners and operators additional savings when charging EVs overnight. Consult your utility company and work with your EV charging station manufacturer to research plans optimized for EV owners.



## #3 Cost of EV Charging

EVs offer significantly lower fuel costs compared to a traditional gas-powered vehicle. On average, a gallon of gas costs \$2.19, while the comparable costs to run an EV is \$1.11 and electricity rates tend to be more stable than oil prices. Use the U.S. Department of Energy's Comparison Tool to see the immediate and long-term savings: [fuelconomy.gov/feg/savemoney.jsp](http://fuelconomy.gov/feg/savemoney.jsp)

