



The Benefits of EV Chargers for

CONSTRUCTION COMPANIES

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1 Cost Savings



REDUCED FUEL COSTS

If you have or plan to have EVs in your fleet, you could save money on fuel costs by charging your fleet at your own charging stations instead of buying gasoline, diesel fuel, or higher charging prices somewhere else.

ATTRACT ECO-CONSCIOUS TENANTS

By installing EV charging stations, your company can attract tenants who own or plan to buy EVs. These tenants may be more likely to rent or lease a property that offers EV charging, which could increase occupancy rates and reduce vacancy costs.

GOVERNMENT INCENTIVES

Depending on the location, there may be government incentives available for installing EV charging stations. These incentives could include tax credits, rebates, or grants that could offset the cost of purchasing and installing the charging stations.

INCREASED PROPERTY VALUE

Installing EV charging stations could increase the value of your properties and make them more attractive to potential buyers or tenants. This could lead to higher rental or sales prices, which could generate additional revenue.

Overall, the cost savings from installing EV charging stations will depend on various factors such as the size of the fleet, the location of the properties, the electricity rates, and the government incentives available. However, in the long run, EV charging stations can be a cost-effective investment for construction companies looking to stay competitive and attract Eco-conscious tenants.



2

Environmental Impact



REDUCED GREENHOUSE GAS EMISSIONS

EVs produce fewer greenhouse gas emissions compared to traditional gasoline or diesel vehicles. By encouraging the use of EVs through the installation of charging stations, your company can help reduce its carbon footprint and contribute to the fight against climate change.

CLEANER AIR

EVs produce zero tailpipe emissions, which means they don't release pollutants into the air. This can help to improve air quality, particularly in urban areas where air pollution is more of a concern.

RENEWABLE ENERGY INTEGRATION

EV charging stations can be powered by renewable energy sources such as solar, wind, or hydroelectric power. By integrating renewable energy into the charging infrastructure, construction companies can reduce their reliance on fossil fuels and further reduce their carbon footprint.

IMPROVED SUSTAINABILITY

Installing EV charging stations can help your business to demonstrate its commitment to sustainability and environmental responsibility. This can enhance your reputation and appeal to Eco-conscious tenants or customers who prioritize sustainability in their purchasing or renting decisions.

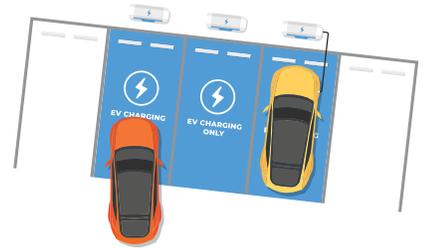
REDUCED NOISE POLLUTION

EVs are generally quieter than traditional vehicles, which can help to reduce noise pollution in urban areas and on your work site.

Overall, the environmental benefits of installing EV charging stations can contribute to a cleaner, healthier, and more sustainable future, making them an appealing option for companies looking to improve their environmental impact.



3 Charging Time & Convenience



CHARGING TIME

The time it takes to charge an EV can vary depending on the type of charger, the size of the battery, and the level of charge remaining. Typically, a Level 1 charger (120-volt outlet) will charge an EV in about 8-12 hours, while a Level 2 charger (240-volt outlet) can charge an EV in about 4-6 hours. A DC fast charger can charge an EV to 80% in as little as 30 minutes.

CONVENIENCE

Having EV charging stations readily available can make EV ownership more convenient and accessible. Tenants or customers with EVs can easily charge their vehicles while they are at work or shopping, which can eliminate range anxiety and reduce the need to find public charging stations.

NUMBER OF CHARGING STATIONS

Depending on the size of the property, the number of EV charging stations installed may need to be sufficient to meet the demand of tenants or customers. Having multiple charging stations can help to prevent long wait times and ensure that tenants or customers can easily charge their vehicles.

COMPATIBILITY

It's important to ensure that the EV charging stations installed are compatible with a range of EV models. This can help to increase the appeal of the charging stations to a wider range of tenants or customers. Terra EV chargers are equipped with a J1772 plug. All electric vehicles sold in the US and Canada use the SAE J1772 connector for Level 1 and Level 2 charging, except for Tesla. Tesla vehicles can only use a proprietary plug, but there are J1772 to Tesla adapters in the market that allow a Tesla vehicle access to J1772 charging stations. DC charging uses a CCS1 connection. This is also a standard connector used by most EVs.

Overall, the charging time and convenience of EV charging stations can play a significant role in the decision-making process for tenants or customers who are considering purchasing or leasing an EV. By offering convenient and accessible charging options, you can attract Eco-conscious tenants or customers who value sustainability and convenience.



4 Property Value



INCREASED DEMAND

As more people switch to EVs, the demand for properties that offer EV charging stations is likely to increase. By installing charging stations, construction companies can make their properties more appealing to Eco-conscious tenants or customers who own or plan to purchase EVs. This could lead to higher occupancy rates, reduced vacancy costs, and potentially higher rental or sales prices.

COMPETITIVE ADVANTAGE

Offering EV charging stations can give construction companies a competitive advantage over properties that do not offer this amenity. This could be particularly important in areas where there are multiple properties for rent or sale, as tenants or buyers may be more likely to choose a property that offers EV charging over one that does not.

LONG-TERM INVESTMENT

Installing EV charging stations can be seen as a long-term investment in the property. As EV adoption continues to grow, having charging stations already installed can position the property for future demand and ensure that it remains competitive in the marketplace.

HIGHER RENTAL OR SALES PRICES

Properties that offer EV charging stations may be able to command higher rental or sales prices compared to similar properties that do not offer this amenity. This could be particularly true in areas where EV adoption rates are high or where there is a shortage of properties that offer EV charging.

Overall, installing EV charging stations can help to increase the value of properties and make them more attractive to potential buyers or tenants. This can lead to higher rental or sales prices, which can generate additional revenue for the business in the long run.



5 Government Incentives



TAX CREDITS

Many governments offer tax credits or deductions to businesses and property owners who install EV charging stations. These credits can offset the cost of installing the charging stations and make them more affordable.

GRANTS

Some governments offer grants to businesses and property owners who install EV charging stations. These grants can cover some or all of the cost of installation and make it easier for construction companies to invest in this technology.

REBATES

In some areas, businesses and property owners can receive rebates for the installation of EV charging stations. These rebates can help to reduce the overall cost of installation and encourage more widespread adoption of EV charging.

ZONING & PERMITTING INCENTIVES

Some governments offer zoning and permitting incentives to construction companies and property owners who install EV charging stations. These incentives can make it easier and faster to obtain the necessary permits and approvals for installation.

By taking advantage of government incentives, construction companies can make the installation of EV charging stations more affordable and financially feasible. These incentives can help to offset the initial cost of installation and make it easier for businesses to invest in this technology. In addition, the availability of incentives can encourage more widespread adoption of EV charging, which can help to reduce greenhouse gas emissions and promote sustainability.

6 Revenue Potential



CHARGING FEES

Businesses can charge users a fee for the electricity they use while charging their EVs. These fees can range from a flat rate per charging session to a per-kWh rate, depending on your preferences and the local market conditions. You can also customize your pricing by day, time, or group.

ADVERTISING REVENUE

EV charging stations provide an excellent opportunity for businesses to display advertisements. The charging stations can feature digital displays or posters that promote products or services offered by whoever you choose. These advertisements can generate additional revenue for the business.

INCREASED OCCUPANCY RATES

As more people adopt EVs, the demand for properties with EV charging stations is likely to increase. By installing charging stations, construction companies can make their properties more appealing to potential tenants or customers who own or plan to purchase EVs. This could lead to higher occupancy rates, reduced vacancy costs, and potentially higher rental or sales prices.

REDUCED COSTS

Installing EV charging stations could also help businesses to reduce their operating costs. For example, by installing solar panels to power the charging stations, companies can reduce their energy bills and generate additional revenue by selling excess energy back to the grid.

Overall, by offering EV charging stations, businesses can generate additional revenue streams while also promoting sustainability and reducing greenhouse gas emissions. These revenue streams can help to offset the cost of installation and make the investment in EV charging stations more financially feasible.





Stats

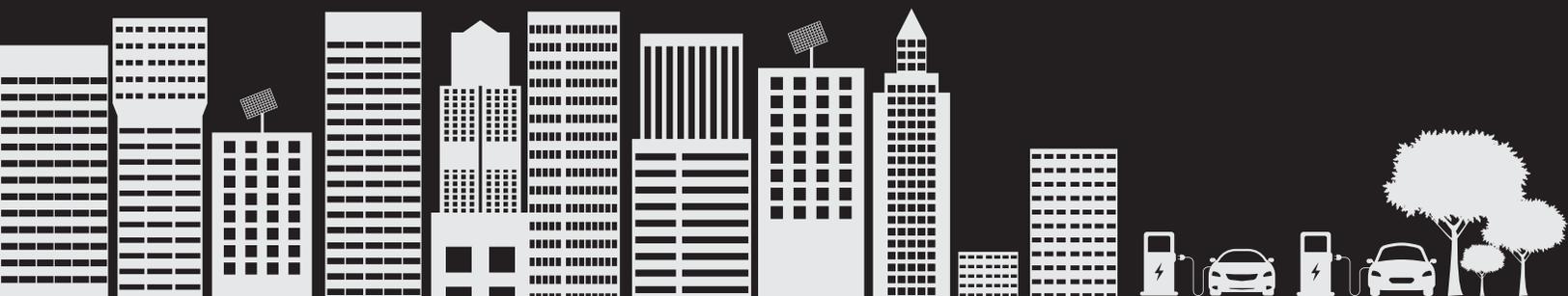
There are several statistics available that demonstrate the growing trend of construction companies adding EV chargers to their business. As the market for EVs continues to grow, it is likely that more businesses will see the value in offering this service to their employees and customers.

A survey by the International Facilities Management Association (IFMA) found that **40% of businesses planned to install EV charging stations in their facilities by 2025.** This includes construction companies that own and manage their properties.

A survey by the Electric Power Research Institute (EPRI) found that **89% of respondents who installed EV charging stations reported that the stations were used frequently, indicating that there is a strong demand for this service.**

According to the International Energy Agency (IEA), the number of electric cars on the road reached **10 million in 2020, up from just 17,000 in 2010.** This growth is expected to continue, with the IEA projecting that there could be **220 million electric cars on the road by 2030.**

As more electric cars hit the road, the demand for EV charging infrastructure is growing. According to a report by BloombergNEF, the number of EV charging stations around the world is **expected to grow from 1 million in 2020 to 12.7 million in 2030.**



Regional Stats

These statistics suggest that there is a growing demand for EV charging infrastructure in the Midwest and Central Plains region, and that there are opportunities for construction companies to meet this demand by installing EV charging stations.

While the number of public EV charging stations is relatively low compared to some other states, there has been a steady increase in recent years. The potential for federal tax credits and the increasing interest in EV charging infrastructure could make this area an attractive location for the installation of EV charging stations.

STATE	NUMBER OF PUBLIC EV CHARGING STATIONS (2021)	STATE INCENTIVES	FEDERAL TAX CREDIT	GROWTH IN EV CHARGING STATIONS	IMPORTANCE OF EV CHARGING INFRASTRUCTURE
SOUTH DAKOTA	27	NONE	UP TO 30% OF COST	RAPIDLY INCREASING	SEEN AS IMPORTANT FOR EV MARKET GROWTH
IOWA	221	UP TO \$15,000	UP TO 30% OF COST	STEADILY INCREASING	CRITICAL FOR WIDESPREAD EV ADOPTION
MINNESOTA	753	UP TO \$2,500	UP TO 30% OF COST	STEADILY INCREASING	CRITICAL FOR WIDESPREAD EV ADOPTION
NEBRASKA	54	NONE	UP TO 30% OF COST	STEADILY INCREASING	IMPORTANT FOR EV MARKET GROWTH
NORTH DAKOTA	13	NONE	UP TO 30% OF COST	SLOWLY INCREASING	SEEN AS IMPORTANT FOR EV MARKET GROWTH

Contact Information

We hope you found this eBook informative and helpful. Please reach out with any questions. We'd love to get the conversation started!



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