



IT'S NOT
OUR 1ST
RODEO

STAMPEDE ELECTRIC INC.

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EV Chargers for Home, Multi Family and Commercial



Who we are:

Stampede Electric is a growing company with a service department geared to service a wide variety of electrical needs. We have been in operation since 2016 and have a fleet of service vehicles with the ability to respond to emergency calls within an hour

EV Chargers:

Stampede Electric has access to all brands of EV chargers, including Flo, Blink, ChargePoint and Siemens. We will ensure to choose the best option to present to you based on the plan for your building.



Advantages:

Having a proper plan in place will:

- Increase Property Value
- Generate Revenue
- Increase Sales or Rental Interest
- Ensure you are Meeting all Regulations
- Lower your Building Electrical Costs



Electric Vehicle Chargers for Multi Family

How to put multiple EV Chargers in an existing building

Step 1 Gain Knowledge

We will audit your facility to understand what your existing electrical service can provide for the additional load required for the EV charging. We can access your historical data through your utility provider. We will install data loggers for one month. This would graph by the hour how much power your building would use. With this information it could be determined which days, what time of day and how much power could be used for EV Chargers.

Step 2 Predict the Future

Determine your EV charger needs today in 5 years, in 10 years. The system must have a plan or at least insight into 2035. It is predicted that 20% of new cars sold will be electric by 2025 and 45% by 2035.

Step 3 Develop a Plan

Based on your electric system, current power usage, and future needs, we will develop a comprehensive go forward plan that will help you navigate this changing market. Our plan will give you detailed information on the infrastructure and costing necessary for you to be ready to meet both the new government regulations and demands from your residents as we move forward into the future. We also will show you how to better manage the electrical system in your building with the ever evolving LED lighting improvements and building management systems. By lowering your base electrical building usage, we can free up power for expanding your EV charging system. The amount you pay for power is based on your peak use. Power consumption is highest between 6-9 am and 5-8 pm. Using a power management system, the system will see the peak and only supply to the EV Chargers at off peak times.

Residential and Commercial Charging Solutions

Level 1 Charger

L1 is the slowest type of charging equipment. L1 chargers plug directly into a standard 120 Volt (V) AC outlet supplying an average power output of 1.3 KW to 2.4 KW. This power output is equivalent to 5-8 KMs of EV range per hour.



Level 2 Charger

A Level 2 EV charging system delivers an electrical current from an outlet or hardwired unit to the vehicle via the connector, similar to a standard issue charger. However, level 2 car chargers need a 208-240 Volt, 40 AMP circuit.



Level 2 charging adds

about 40 KMs of range per hour.

Level 2 charging coupled with an Intelligent electrical management system is the most common solution in multi family and commercial applications.

Level 3 Charger

Level 3 charging is the fastest type of charging available and can recharge an EV at a rate of 5 to 32 KMs of range per minute. Unlike Level 1 and Level 2 charging that uses alternating current (AC), Level 3 charging uses direct current (DC).



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