Parke County REMC
Your Touchstone Energy® Cooperative

INTRODUCING THE TESLA MODEL 3

Tesla Model 3

Price: $42,490.30

Range: 263 Miles

Meet the newest member of the Parke County REMC fleet: a Tesla Model 3 Standard Range. We figure it's the perfect way to educate ourselves—and co-op members—about electric vehicles (EVs).

The PC REMC team is taking the Tesla to our members' homes, businesses, and schools—in addition to conferences,meetings, and community events!

Which means that we're learning where we can charge and how often we need to stop to grab a few extra kilowatt-hours to get where we're going. Among other things, our travels are helping inform us of where additional fast charging stations could be located to help make traveling smoother for everyone.

FAQs

Do I need to buy expensive charging equipment?

No: All you need is a $35 adapter and a spare 240-volt (V) outlet where you want to charge. If you don't have a spare 240V outlet, you'd also have that installation cost. Better yet, take advantage of our $200 rebate for an electric vehicle charger!

What is Supercharging?

Supercharging is charging done at one of Tesla's public fast charging stations. It can be up to 20 times faster than 240V home charging.

How long does Supercharging take?

The short answer is most Supercharging sessions take 30 minutes or less. The longer answer is it depends. If the car's battery is really low, it can charge at over 450 miles of range per hour. If the battery isn't as low, charging speeds slow down to protect the battery.

What's the best time to charge at home?

The very best time to charge is after midnight. Overnight charging means you can draw a large amount of electricity when it's least expensive, away from peak times in the evenings. **Parke County REMC's peak is Monday-Friday from 2:00 pm. -8:00 pm.** This car allows us to schedule specific times to charge and not charge.

How far can we go on a single charge?

We will find out! There are several factors that determine the distance we can travel on a single charge— outside temperatures, level of AC or heating, take off speed, and more. Tesla advertises that this make/model can run 263 miles on a single charge, under great conditions! Stay in touch and we will update you with our Tesla Story by visiting pcremc.com/electric-vehicles or our Facebook page!

Why is the range reduced in the winter?

Mostly because of how batteries behave in cold weather. EV batteries use some of their energy to keep themselves warm in order to maintain their life. Additional energy is used for rider comfort. It takes more energy to heat the car's cabin to 70 degrees when it's freezing outside than it does to cool the cabin to 70 when it's 95 out. The rest of the energy is used to move the car down the road.

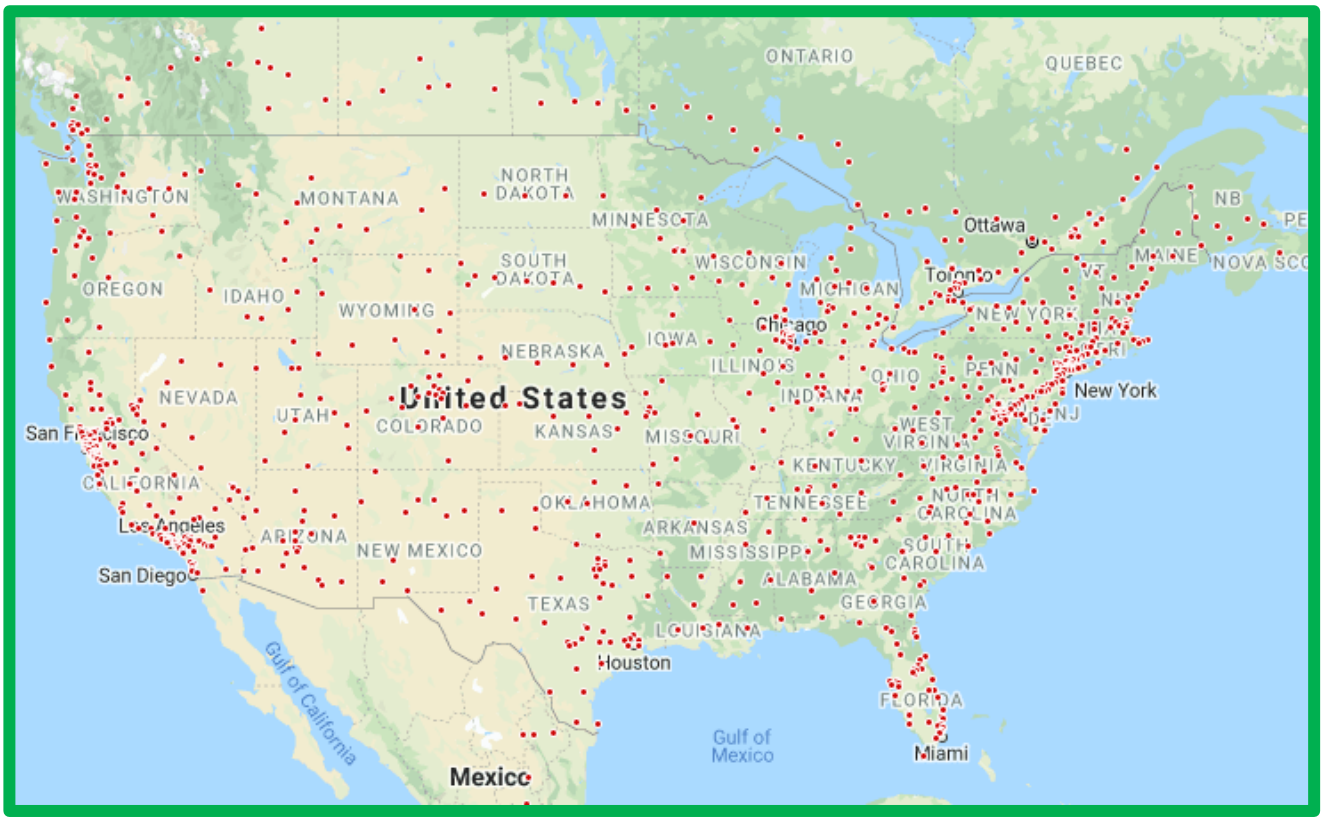
FAQs

So where are all the chargers?

You can find Tesla Superchargers using their trip planner(https://www.tesla.com/trips), which can help you plan where to charge and how long it will take. Tesla's in-car navigation can also pull up nearby Superchargers and identify them along your route.

Tesla Charging	Super-charging	Home charging	Home charging
Home voltage	N/A	240 V	120 V
Miles of range added per hour of charge time	~450 miles of range per hour	~25 miles of range per hour	~4 miles of range per hour
Approx. cost	N/A for home use	• Have electrician run 240V • $35 adapter • $2.64 per 100 miles	• $35 adapter • $2.64 per 100 miles

The red dots on the map below indicate the Tesla chargers across the United States.



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