

# PLUGGED IN

ONCOR TRANSPORTATION  
ELECTRIFICATION NEWSLETTER

## CHARGE FOWARD

As EV adoption continues to increase, the infrastructure supporting it must evolve. Last month, we focused on efforts to grow the number of charging stations in Texas, but how useful can a charger be if your vehicle isn't compatible with it? In this month's newsletter, we will discuss charging connector types to help you understand what you might and might not find. There will also be a brief overview of an EV that addresses a couple of reasons why some EV shoppers may be apprehensive about completing the purchase of an EV. Feel free to contact our team at [EV@Oncor.com](mailto:EV@Oncor.com) if you have any questions about our programs or customer responsibilities for EV projects!

Disclaimer: Any brands mentioned are for the sole purpose of education and does not constitute and endorsement of any kind.

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## CHARGING STANDARDS AND CONNECTORS

Charging an EV can be frustrating if you pull up to a charging station that has a different connector type than you do. This article will give you a synopsis of two popular charger types and one that is waning in use.

The CCS1 connector is the mandated standard in the European Union and there is widespread adoption throughout the world with this connector as well. The J3400 is most prevalent in North America (United States & Canada) and was declared the North American standard by the Society of Automotive Engineers in December 2023. The CHAdeMO connector type is a fast-charging connector that is being phased out in the United States (since 2022) but is still used in other parts of the world.

Multiple manufacturers have begun producing charging adapters. As charger types phase out or popularity fluctuates, adapters allow customers to conveniently charge without purchasing a new EV or driving out of their way to refuel their vehicle.

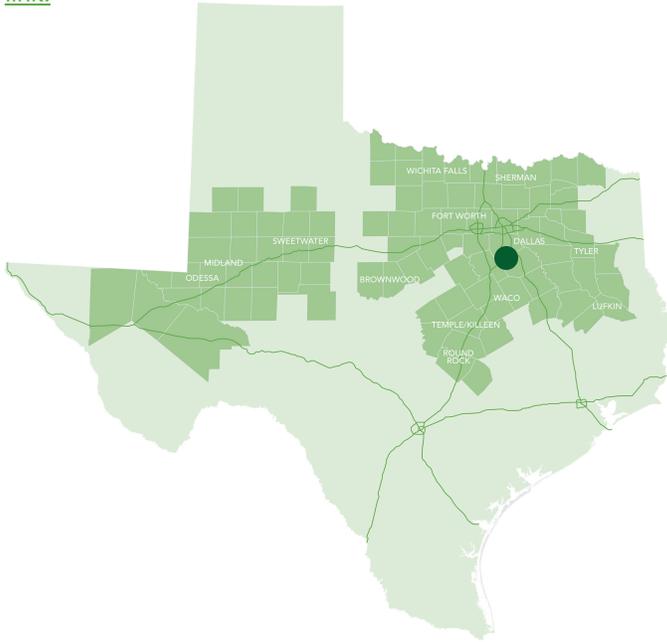
Source: AMPECO & SAE | Image: [Driveelectric.gov/charging-connector](https://driveelectric.gov/charging-connector)

# UPCOMING EVENTS

## 2025 EVOLUTION SESSIONS

We have an EVolution session that was originally planned for February 19th. This session has since been rescheduled to **March 12th**. Please register for this event using [this EVolution registration link](#).

[Sign Up Today!](#)



	DATE	LOCATION
1	Mar. 12	7333 Frankford Rd, Dallas, TX 75252



## Give Me a Boost! Solar Panel EV Innovation

The Aptera isn't the first group to create a solar-powered vehicle, but there are a few things that make this EV stand out. Solar panels cover the car from nose to tail, including inside the dashboard. The solar panels allow drivers to go off the grid, providing up to 40 miles per day of range. Having this option could help EV shoppers be less preoccupied with range anxiety, one of the main reasons that people cite why they would not get an EV.

An exceptionally low drag coefficient (Cd) of 0.13, facilitates a 400-mile range. A drag coefficient is a number that is used to measure how much resistance an object will have in a fluid like water or air. For reference, most popular EVs have a Cd between 0.19 - 0.29. These factors make the Aptera yet another solution for hesitant EV buyers, who continue to evaluate an expanding field of car models to consider.

Sources: CleanTechnica & Teslarati | Image: Aptera

## TE REMINDERS



### NEW CONSTRUCTION

New construction projects receive a project manager. After being assigned a project manager, we recommend reaching out early and often to make sure projects are completed on time and any potential roadblocks are caught before they become issues.



### ENERGY EFFICIENCY

Energy Efficiency has recently closed admissions for their managed (MEV) EV study. Although the study has closed, Energy Efficiency has ongoing residential and commercial incentive programs available! For more specific inquiries, please contact [The Energy Efficiency Department](#).



### LARGE COMMERCIAL & INDUSTRIAL (LC&I)

Large Commercial and Industrial Organizations interested in electrification are encouraged to contact their Oncor Account Manager. They can provide direction as you begin your electrification journey.



### MARKET RELATIONS

Billing for commercial sites can present a learning curve. Rate schedules and other relevant billing information are on the regulatory section of the Oncor website.



**ELECTRIC VEHICLES**

[CHECK OUT THE ONCOR ELECTRIC VEHICLES WEBSITE HERE.](#)