

Tesla EV Charging Station Offer to Culver City

Currently, Tesla has installed 16 Level 3 (fast) electric vehicle (EV) charging stations at the Westfield Mall in Culver City. Due to high usage and demand from more electric vehicle drivers, Tesla is currently looking develop another Level 3 electric vehicle charging station in Culver City in a downtown parking structures (Cardiff, Watseka, or Ince) under the following terms and conditions:

1. Tesla is willing to pay the City's monthly fee for 7-day per week use of a minimum of 8 parking spaces, on up to a maximum of 16. This is provided however, that visiting Tesla owners be allowed to charge up without incurring additional parking fees.
2. Tesla will pay the cost to purchase, design, permit, install, and maintain their Level 3 (480-volt, 250 kW) charging stations and to wirelessly connect them to the Internet. There is no cost to the city, neither upfront nor ongoing.
3. Tesla maintains their own Smart Phone App and online customer payment systems.
4. Tesla will have SCE install a separate meter so they receive and pay separate invoices for their use of electricity.
5. 15-year contract term.
6. Tesla charges a market \$/kWh rate to their customers for the use of the stations. Some early adopters enjoy a free Supercharging for life benefit.

Benefits:

- Furthers the City's objective to electrify the Transportation sector by reducing range anxiety for EV owners by encouraging them to purchase or lease electric vehicles knowing that they can fully recharge an empty battery in less than one hour.
- Given that Tesla vehicles make up a wide majority of the EVs on the road today, installing Tesla Level 3 EV chargers complements and enhances access to other Level 2 EV charging infrastructure for non-Tesla EVs.
- Serves a growing share of current and future EV owners who have limited or no access to home or workplace charging and are therefore reliant on access to Level 3 EV charging.
- Reduces the City's GHG emissions and the effects of climate change since the electricity used to charge up the vehicles will come from 100% renewable, carbon-free sources.
- Is consistent with the City's pledge to adopt the Transportation Electrification Partnership prepared by the Los Angeles Cleantech Incubator, lead by Mayor Eric Garcetti, to reach zero emissions by 2028
- Is consistent with the objectives outlined in the citywide EV Infrastructure Plan creation, which Plan will be completed in 2021 and is entirely funded by a SCAG grant.
- Provides an additional amenity to residents, visitors, and employees in downtown and attracts pass-through travelling visitors to downtown where they know they have many opportunities to shop, eat, see a movie/live performance while recharging their batteries.

Challenges:

- The EV industry has yet to standardize the plug/outlet on each vehicle for Level 3 charging and Tesla's remains unique and proprietary. Only Tesla drivers will be able to charge at the stations since no adapter exists for other EV drivers to use them. Tesla, however, is willing to install non-Tesla EV charging stations adjacent to their own at the same time if the City wishes them to so that all other EVs will be able to charge up at the same location. The City, however, already has four existing EV charging stations available for public use downtown and six additional charging stations located at the Senior Center and Veterans Memorial Complex. However, these Level 3 fast charging stations cannot be used natively by Tesla drivers due to incompatible plugs and, therefore, are not serving a majority of the EVs on the road today
- To determine if a Culver City parking facility can serve a Level 3 charging station, a site walk with Southern California Edison is required to confirm that existing capacity is available within one of the three downtown parking structures. If significant additional SCE capacity has to be installed, it may be cost prohibitive for Tesla to do so.