

**Item # 14**  
**October 6, 2010**  
**Energy Commission Business Meeting**

**EV CONNECT LLC**

**Grant Agreement**  
**For**  
**Public Plug-in Vehicle Charge Stations at Metro Transit Locations**

**Summary**

EV Connect LLC (EV Connect) will install 20 publicly accessible charging stations at five different public transportation hubs within the Los Angeles County Metropolitan Transportation Authority (Metro). Metro is the second largest transit agency in the United States and the largest transit area in California. These charging stations will serve not only as an infrastructure rollout but also as a pilot project to assess the feasibility of mass implementation of electric vehicle charge stations throughout metro transit area.

The five locations are major transportation hubs. These stations will provide new charging infrastructure to Plug-In Electric Vehicle (PEV) users and connect PEVs with a network of public transportation options. This project combines two of the lowest carbon emission transportation options, PEV usage and public transportation. PEV drivers will be able to drive to the station, park their car, take public transportation, and have their car fully charged when they return.

The five project sites are:

1. Universal City: The epicenter for much of the entertainment industry and Los Angeles tourist visitors.
2. Aviation/LAX: The gateway to the Los Angeles International Airport. In 2009 LAX was one of the largest and busiest airports in the world.
3. Union Station: Charge points will be only steps away from connections with Metrolink, Amtrak, Metro Bus, DASH shuttles and other municipal bus lines.
4. Canoga transit station: serves as an important connecting point for hundreds of thousands of people living in suburban portions of Southern California.

5. Sierra Madre Villa transit station: serves as an intermodal transportation hub connecting travelers to local and regional transit services provided by Metro, Foothill Transit, and Pasadena ARTS buses.

The Energy Commission is providing \$415,185 from the Alternative and Renewable Fuel and Vehicle Transportation program fund and EV Connect is providing a match of \$23,096.

### **Benefits**

This project combines two of the lowest carbon emission transportation options, PEV usage and public transportation. By combining these two options we address the range limitation of PEVs which is a major inhibitor of mass adoption. Well over 60,000,000 people will pass through these five hubs every year. This will significantly raise awareness of PEVs. Due to the huge throughput at these hubs, these charging stations have the potential for high charging station use.

### **Participants**

EV Connect LLC has put together a team which has a collective 40+ years of experience with electric vehicles and charging infrastructure. They will handle the installation and upgrades of all charging infrastructure for this project.

Los Angeles County Metropolitan Transportation Authority is the second largest transit agency in the United States and the largest transit agency in California. The Los Angeles Metro has a fleet of over 2,545 buses, 95 percent of which are powered by engines using clean-burning compressed natural gas (CNG).