# Electric Vehicle Level 2 (240 volt) Charger Installation Steps

#### **Step 1: Consult with Car Dealer**

EV dealership advises customer to contact an electrician and the LADWP to determine if a home or business is ready for a Level 2 charger. Some automakers offer free assessments.

#### Step 2: Contact LADWP

Customer contacts LADWP for consultation on rate and meter options. The customer considers cost vs. benefits of each option after researching EV info on the LADWP website.

#### Step 3: Contact an Electrician

Electrician inspects service wiring for adequate capacity to supply the Level 2 charging station. Electrician advises customer about feasibility of the preferred meter option.

# **Step 4: Charging Station Request**

Customer completes the online EV Charging Station Request form. A LADWP Electric Service Representative (ESR) is automatically dispatched within 5 business days.

# **Step 5: LADWP Site Visit**

LADWP ESR assesses service for possible system upgrades. ESR advises customer about LADWP meter options and provides a written report.

#### **Step 6: Obtain Electrical Permit**

Electrician confirms meter and rate options with the customer and then obtains an electrical permit. Electrician completes the installation and calls for the inspection.\*

# Step 7: DBS Inspection

The Los Angeles Department of Building and Safety (LADBS) inspects the installation.

Approval of work is transmitted

Approval of work is transmitted to LADWP when the installation passes inspection.

# Step 8: LADWP Installation

LADWP receives approval from the LADBS.

Crew is dispatched to install meter and perform system work as needed.\*\*

# Important Information

- To request an EV Discount Rate, rebate, or obtain a TOU meter, go to www.ladwp.com/ev and complete the online EV Charging Station Request form or call 1-866-484-0433 for help and general inquires. Customers must have their electric service account information and the Vehicle ID number to apply.
- For more information about electric rates, incentive programs, or to learn about the Terms and Conditions, call 1-866-484-0433 or visit www.ladwp.com/ev.
- The electrical contractor should not install the charging station until after the customer contacts the LADWP regarding meter and rate options. To avoid delays in service, the customer must complete the online EV Charging Station Request form prior to obtaining a LADBS electrical permit.
- For a free LADWP service assessment or to inquire about installation issues, contact an ESR at (213) 367-8036 or email the Service Planning EV Unit at SVC\_EVRequests@ladwp.com.
- Level 2 EV charging station installations for apartment and condominium dwellers are usually complex and require more time to assess by the LADBS and LADWP Service Planning. In most cases, electrical plans will be needed. For multiple occupancy buildings call (213) 367-8036.
- Level 3 (480 volt) public charging stations require electrical plans for engineering review. Call the Service Planning EV Unit at (213) 367-8036 or email SVC EVRequests@ladwp.com to inquire.

<sup>\*</sup> For jobs that involve a service panel upgrade or a separate Time-of-Use (TOU) meter, the ESR must also be called for the inspection.

<sup>\*\*</sup> A meter change to a TOU meter takes approximately 5 to 10 business days after LADBS approval if no panel upgrade is needed. Jobs with new panel work or LADWP system work may take longer.