

## Permitting Process for Electrical Vehicle Supply Equipment (EVSE) in a Single Family Residence Setting

In the City of Atlanta Single Family Residence EVSE permitting occurs when a homeowner wants EVSE installed on their property.

Plug-in electric vehicles (PEVs) with internal charging units that plug into existing 120 volt receptacles do not require modification to your electrical system; this is called Level 1 EV charging.

EVSE that must be wired directly to the electrical system is Level 2 and above, these installations ***will require*** a permit. Although faster than Level 1 PEV charging, Level 2 charging is best utilized in destination-charging scenarios from 4-6 hours. Charging from 11:00pm to 04:00am at home is the optimal real-time pricing window to charge, see [Georgia Power's residential PEV electric service rates](#) for details.

More information about EV charging can be found at the [Department of Energy's Advanced Vehicle Data Center](#) and [Clean Cities Atlanta](#).

### Level 2 EVSE Guidelines

According to the National Electrical Code® installations above 125 volts, shall have the supply equipment wired permanently to the electrical supply circuit. The supply equipment may vary in design depending on the manufacturer and vehicle type. EVSE to be installed must meet specifications set forth in NEC Section 625.

#### FOLLOW THESE STEPS TO PERMIT SINGLE FAMILY RESIDENCE EVSE

- 🌐 Homeowner selects a licensed electrical contractor to access EVSE installation site
- 🌐 Then fills out Atlanta's Electrical Permit Form with their electrical contractor  
*The City encourages everyone installing EVSE to check the box at the bottom of the electrical permit form that allows the City to share their address with local utilities. This information is important for utility planners who work to reinforce the electrical distribution system for neighborhoods that have large numbers of plug-in vehicle owners.*
- 🌐 Afterwards the contractor will submit the completed application; fees are due to the Office of Buildings at this time.
- 🌐 Permit is issued
- 🌐 Electrical contractor installs EVSE
- 🌐 Property inspection conducted by Office of Buildings
  - Cost of the initial inspection is included with the permit fee.
  - If the initial inspection fails there is no cost for the follow up inspection, *as long as the second inspection is successful.*
  - Otherwise up to three more inspections can be scheduled, with a minimum charge of \$50 for each subsequent re-inspection.

### Key Considerations When Installing Level 2 EVSE

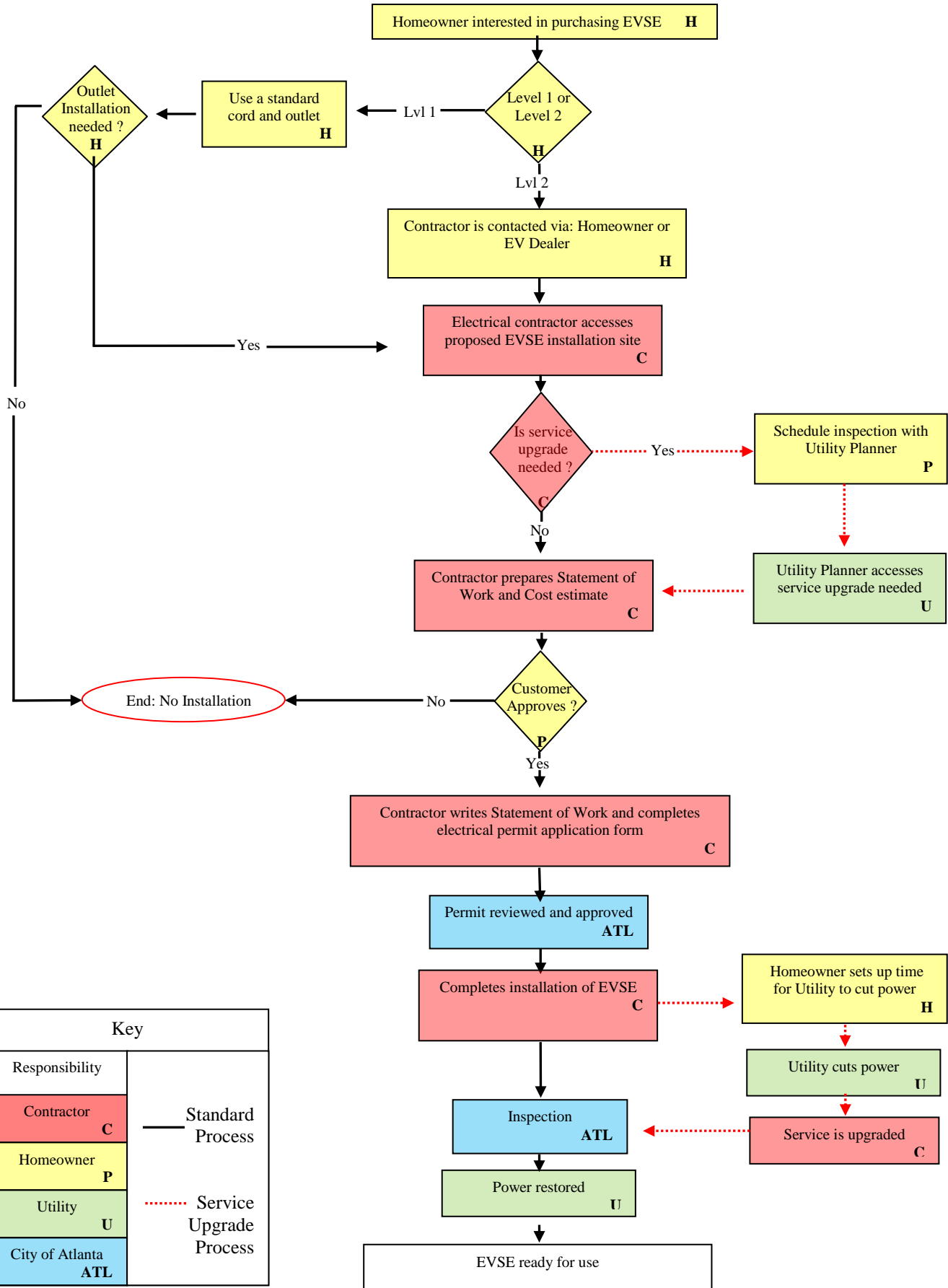
#### **Prepare property to meet EVSE requirements**

As you plan to install Level 2 EVSE coordinate with licensed electric contractors and electric equipment providers to avoid miscommunication and avoid delay.

#### **Take advantage of available resources and heed the advice of EVSE manufactures**

[Clean Cities Atlanta electric vehicle readiness webpage](#) outlines many EVSE and installation service providers. For more info about EVs [gotoelectricdrive.com](#)

# Permitting Process for Single Family Residence to Install EVSE:



Key	
Responsibility	Standard Process
Contractor <b>C</b>	
Homeowner <b>P</b>	Service Upgrade Process
Utility <b>U</b>	
City of Atlanta <b>ATL</b>	