

ELECTRIC VEHICLE CHARGING EQUIPMENT (EVCE) INFORMATION

<http://www.alamedamp.com/working-with-amp>



ALAMEDA MUNICIPAL POWER
A Department of the City of Alameda

THIS DOCUMENT PROVIDES INFORMATION FOR NEW EVCE INSTALLATIONS. IF THE ELECTRIC SERVICE MAIN PANEL WILL BE UPGRADED, PLEASE COMPLETE THE ELECTRIC SERVICE APPLICATION AND SUBMIT WITH THIS DOCUMENT.

Installing an Electric Vehicle Supply Equipment (EVCE) will require changes to building wiring and may also require upgrading the electric service main panel to meet the needs of this specialized equipment. Before installing an EVCE and associated infrastructure, talk to your EV manufacturer for information about what you need to charge your vehicle and what regulatory requirements there might be.

When installing your EVCE, be sure to use a licensed electrical contractor whose license is current for electrical work. The contractor should also follow the guidelines of the manufacturer and the requirements of City of Alameda Building Codes.

A permit from the City of Alameda Community Development Department is required before installing EVCE. However, prior to applying for the permit, submit building and electrical plans for the planned installation to the Alameda Municipal Power (AMP) Engineering (2000 Grand St).

Why is the AMP concerned about your EVCE installation? Even though an individual EVCE may have a negligible impact on the utility electric system, the combined effect of several chargers in the same service area could result in overloading the utility lines and transformers. It is crucial that AMP Engineering is notified of any EVCE installations to ensure that the utility electrical system remains adequately sized to serve our customers and maintain high levels of service reliability. The AMP Engineering needs information on location (address), number of EVCE being installed, EVCE current rating, and number of electric vehicles.

AMP ENGINEERING REVIEW AND APPROVAL IS REQUIRED BEFORE THE CITY OF ALAMEDA COMMUNITY DEVELOPMENT DEPARTMENT WILL ISSUE PERMITS FOR INSTALLATION OF EVCE RATED GREATER THAN 40 AMP, OR THAT REQUIRES AN OVERCURRENT PROTECTION DEVICE (CIRCUIT BREAKER) GREATER THAN 50 AMP. FAILURE TO DO SO COULD DAMAGE UTILITY SYSTEM FACILITIES, WITH THE OFFENDER RESPONSIBLE FOR THE COST OF REPAIRS.

THIS FORM MUST BE FILLED OUT COMPLETELY BEFORE IT CAN BE PROCESSED. SHADED AREAS ARE FOR AMP USE ONLY.

This form will be sent back to the applicant after review.

- SUBMIT THIS FORM TO AMP Engineering Office located at 2000 GRAND STREET, ALAMEDA, CA 94501 OR FAX TO (510) 748-3993
- FOR QUESTIONS CALL THE AMP ENGINEERING MAIN LINE AT (510) 748-5676.

Building Department Permit Number:			AMP – JOB NUMBER
Project Address:			Date:
Name of Applicant / Company:			Tel:
Address:	City / State:	Zip:	Email:
BILLING INFORMATION (if Applicable)			
Name:			Tel:
Address:	City / State:	Zip:	Email:

EXISTING SERVICE TYPE (check appropriate boxes)	<input type="checkbox"/> Overhead	<input type="checkbox"/> Underground	<input type="checkbox"/> Commercial	<input type="checkbox"/> Residential
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EXISTING SERVICE INFORMATION (check appropriate boxes)				
Service Voltage	120/240V 1 phase	120/208V 1 phase	120/208V 3 phase	277/480V 3 phase
Main Switch Size (Amps)	100 Amp		200 Amp	Other (specify): _____

Electric Service Information (AMP Use ONLY)		Work Order Number	
Estimated Demand	kVA	Transformer kVA and Type	
Map Number		Transformer Number(s)	Pole #
Approved by:		Tel:	Date: