

To: Office of Planning and Research
 PO Box 3044
 1400 Tenth Street, Room 113
 Sacramento, CA 95812-3044

From: California Energy Commission
 1516 Ninth Street, MS-48
 Sacramento, CA 95814

Project Applicant: Intertie Incorporated

Project Title: Advanced Power Electronics to Enable Fast Charging While Avoiding Grid Upgrades

Project Location – Specific: 475 Coloma St Ste B

Project Location – City: Sausalito 94965 **Project Location – County:** Marin

Description of Nature, Purpose and Beneficiaries of Project:

The purpose of this Agreement is to design, develop and build an advanced power electronics module (PEM) that enables a commercially available fast charger to supply high power to electric vehicles via a low amp (A) grid connection which will enable ultra-fast charging to be deployed quickly at almost any location, substantially decreasing the cost and accelerating the buildout of a fast charging network. The project team shall directly connect a fast charger to energy storage and solar resources using the PEM to validate the improved energy efficiencies and reduced operating costs realized from the DC-coupling technology.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Intertie Incorporated

Exempt Status: *(check one)*

- Ministerial Exemption (Pub. Resources Code § 21080(b)(1); Cal. Code Regs., tit. 14, § 15268);
- Declared Emergency (Pub. Resources Code § 21080(b)(3); Cal. Code Regs., tit. 14, § 15269(a));
- Emergency Project (Pub. Resources Code § 21080(b)(4); Cal. Code Regs., tit. 14, § 15269(b)(c));
- Categorical Exemption. State type and section number
Cal. Code Regs., tit. 14, §§ 15301, 15303, 15306
- Statutory Exemptions. State code number.
- Common Sense Exemption. (Cal. Code Regs., tit. 14, §15061(b)(3))

Reasons why project is exempt:

This project involves the design, building, and testing of a module that will enable an electric vehicle (EV) fast charger to supply high power to EVs while decoupling the charger from the grid. The project will take place at an existing facility and will require minor modifications to the facility such as the addition of a fast charger for testing and electrical wiring modifications. All modifications will be made according to standard safety practices and in conformance with any applicable regulations. These modifications involve negligible or no expansion of existing or former use at the site. Testing of the module will involve comprehensive data collection, modeling and system performance verification.

Authority cited: Sections 21083 and 21110, Public Resources Code. Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.


This project is therefore categorically exempt from environmental review pursuant to section 15301 of the CEQA Guidelines because it consists of the minor alteration of existing structures, facilities, mechanical equipment involving negligible or no expansion of existing or former use at the site. The project is also categorically exempt pursuant to section 15303 of the CEQA Guidelines because it consists of the installation of small new equipment in small structures with only minor modifications to the structures. The project is also categorically exempt pursuant to section 15306 of the CEQA Guidelines because it consists of basic data collection, research and resource evaluation activities which will not result in a major disturbance to an environmental resource. The project does not involve any unusual circumstances, will not result in damage to any scenic resources within a highway officially designated as a state scenic highway, the project site is not included on any list compiled pursuant to Government Code section 65962.5, and the project will not cause a substantial adverse change in the significance of a historical resource. The project, when considered as a whole, will not result in a cumulative impact that is significant on the environment. Therefore, none of the exceptions to exemptions listed in CEQA Guidelines section 15300.2 apply to this project and this project will not have a significant effect on the environment.

Responsible Agency

Contact Person: Joshua Croft **Area code/Telephone/Ext:** 925-452-7638

If filed by applicant:

- 1. Attach certified document of exemption finding.
- 2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature:  **Date:** 3/23/22 **Title:** ECS II

- Signed by Responsible Agency**
- Signed by Lead Agency**
- Signed by Applicant**

Date received for filing at OPR: _____