

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: DOE- Lawrence Berkeley National Laboratory

Project Title: Advanced VGI Control to Maximize Battery Life and Use of Second-Life Batteries to Increase Grid Service and Renewable Power Penetration (REVISED)

Project Location – Specific: 483 N Aviation Blvd

Project Location – City: El Segundo 90245

Project Location – County: Los Angeles

Description of Nature, Purpose and Beneficiaries of Project:

The project will demonstrate an automated control system for a fleet of plug-in electric vehicles and repurposed "second-life" batteries that reduces overall cost of ownership by maximizing battery lifetime, shifting load to reduce electricity and demand charges, and providing vehicle-to-grid and vehicle-to-building services including those supporting utilization of on-site solar generation. The project has been amended to also research and develop software solutions to address cost recovery, charge management, and security challenges faced by military bases and other government workplaces when deploying chargers that will be shared by fleet and personally owned electric vehicles.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: DOE- Lawrence Berkeley National Laboratory

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; Cal. Code Regs., tit. 14, § 15303; Cal. Code Regs., tit. 14, § 15306
- Statutory Exemptions. State code number.
- Common Sense Exemption. (Cal. Code Regs., tit. 14, §15061(b)(3))

Reasons why project is exempt:

The Energy Commission made CEQA findings pertaining to this project, including finding that it was categorically exempt under 14 CCR sections 15301, 15303, and 15306, when the project was originally approved by the Commission on May 10, 2017. The currently-proposed changes are to augment the budget with follow-on funding, update the Scope of Work, and extend the agreement term. These changes will support additional work to research and develop a software solution to address cost recovery, participation in demand response, and security challenges faced by military bases and other government workplaces when deploying chargers that will be shared by fleet and personally-owned electric vehicles.

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

The project as now proposed, like as previously proposed, will use existing non-tactical electric vehicles and operations at Los Angeles Air Force Base, involve installation of small new equipment including electric vehicle chargers, and consist of software development and data collection activities. For these reasons, the same categorical exemptions as originally determined to be applicable remain applicable. The project as amended will have no significant impact on the environment.

Lead Agency

Contact Person: Katelynn Dinius **Area code/Telephone/Ext:** 916-776-3468

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: Katelynn Dinius **Date:** 12/21/2022 **Title:** ARE

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____