

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

From: California Energy Commission
 715 P Street, MS-48
 Sacramento, CA 95814

Project Applicant: Solid Energies Inc.

Project Title: High Safety, Wide-operation-temperature, Low-cost All Solid-state Li-ion Battery Energy Storage Systems

Project Location:

<u>Address</u>	<u>City</u>	<u>County</u>
985 East Orangefair Ln,	Anaheim, CA 92801	Orange
1450 S Central Ave	Los Angeles, 90021	Los Angeles
16941 Keegan Ave	Carson, 90746	Los Angeles

Description of Nature, Purpose and Beneficiaries of Project:

Under grant agreement EPC-21-039, the California Energy Commission (CEC) will provide a grant of \$3,000,000 grant to Solid Energies Inc. to develop and integrate a new class of all-solid-state Lithium-ion battery cells with higher power density and better manufacturability for electric vehicle and stationary storage applications. This battery achieves these advantages with a combination of a novel polymer-composite based solid-state electrolyte, innovative composite electrodes, and a silicon based composite anode.

The batteries will be designed and manufactured at 985 East Orangefair Ln, Anaheim, CA 92801. The demonstrations will be conducted at two sites: (1) American Red Cross, located at 1450 S. Central Ave, Los Angeles, and (2) Salvation Army, California South Division is located at 16941 Keegan Avenue, Carson, CA.

Beneficiaries will include investor-owned utility ratepayers and manufacturers of electric vehicles and stationary storage applications. This Agreement will result in the ratepayer benefits of greater electricity reliability, excellent battery safety, and lower costs.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Solid Energies Inc.

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, § 15306; Cal. Code Regs., tit. 14, § 15301
- Statutory Exemptions. State code number.
- Common Sense Exemption. (Cal. Code Regs., tit. 14, §15061(b)(3))

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

Reasons why project is exempt:

Cal. Code Regs., tit. 14 Section 15306 provides that projects which consist of basic data collection, research, experimental management, and resource evaluation activities, and which do not result in a serious or major disturbance to an environmental resource are categorically exempt from the provisions of the California Environmental Quality Act. Under this grant, first, the technology will be designed and built using a low-rate production line in a building zoned for this activity. Second, the technology will be demonstrated at two existing facilities. There are no sensitive environmental resources at the demonstration sites. For these reasons, the proposed work will not have any significant effect on the environment and is exempt under Cal. Code Regs., tit 14, Section 15306.

The CEQA exemption under California Code of Regulations, title 14, section 15301, "Existing Buildings," applies. Section 15301 covers the operation, maintenance, or minor alteration of existing public or private structures, facilities, mechanical equipment, involving negligible or no expansion of existing or former use. The technology will be manufactured at an existing, permitted facility. The batteries will be tested at existing facilities. This involves negligible or no expansion of existing or former use.

The project does not involve any cumulative impacts of successive projects of the same type in the same place that might be considered significant; does not involve unusual circumstances that might have a significant effect on the environment; will not result in damage to 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. Therefore, none of the exceptions to categorical exemptions listed in CEQA Guidelines section 15300.2 apply to this project, and this project will not have a significant effect on the environment.

Lead Agency

Contact Person: _____ **Area code/Telephone/Ext:** _____

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: Josh Croft Josh Croft (Jul 14, 2022 15:27 PDT) **Date:** Jul 14, 2022 **Title:** ECSS II

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____






CEQA NOE_EPC-21-039_Solid Energies Inc

Final Audit Report

2022-07-14

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