

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: Element 16 Technologies, Inc

Project Title: Electrification of Industrial Processes with Sulfur Electric Thermal Storage

Project Location – Specific: 11631 Clark St Ste 101, Arcadia, CA 91006
2301 Central Ave, Duarte, CA 91010

Project Location – City: Arcadia 91006 **Project Location – County:** Los Angeles

Description of Nature, Purpose and Beneficiaries of Project:

Project grant to design, construct, install and demonstrate a low-cost sulfur thermal battery technology for electricity storage and power.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Element 16 Technologies, 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, § 15301
- Statutory Exemptions. State code number.
- Common Sense Exemption. (Cal. Code Regs., tit. 14, §15061(b)(3))

Reasons why project is exempt:

14 CCR 15301 “Existing Facilities”

The goal of this project is to enable the electrification of industrial processes with low-cost sulfur electric thermal energy storage and adopting staff's determination that this action is exempt from CEQA. The proposed research and development activities and pilot testing will validate the capability of molten sulfur thermal energy storage to store electricity and discharge heat for various industrial applications including process heat, cooling, and electricity generation. This project is categorically exempt from CEQA because the project activities are limited to the installment of an energy storage device that will be within a contained pre-existing facility that will be used to test the technology. There are no planned modifications to the facility and the project involves no expansion of existing or former use of the site. There will be no excessive generation of noise or odors anticipated, and no hazardous waste involved.

Lead Agency

Contact Person: Molly Mahoney **Area code/Telephone/Ext:** 916-776-0790

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: Molly Mahoney **Date:** 6/20/2022 **Title:** Commission Agreement Manager

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____