

**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:** Large-Scale Sulfur Thermal Battery Demonstration for Enhanced Grid Flexibility and Increased Renewable Penetration – REVISED (SCH # 2019070641)

**Project Location:**

| Address                | City          | County            |
|------------------------|---------------|-------------------|
| 2301 Central Ave       | Duarte 91010  | Los Angeles (new) |
| 11631 Clark St Ste 101 | Arcadia 91006 | Los Angeles (new) |

**Description of Nature, Purpose and Beneficiaries of Project:**

The project will construct and demonstrate a long-duration energy storage system using Element 16’s Sulfur Thermal Storage technology at an existing industrial facility in Duarte, CA. The energy storage system will be located on already developed and paved land at an existing industrial facility. The project benefits ratepayers by demonstrating sulfur thermal battery storage technology that can provide long-duration backup power, shift electricity loads of industrial facilities, and lower costs compared to lithium-ion battery alternatives.

**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:**

California Code of Regulations, title 14, section 15301 provides that projects which consist of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use are categorically exempt from CEQA. This project is exempt under Cal. Code Regs., tit 14, § 15301 because it involves the construction of an energy storage system within a footprint of approximately 10ft x 30ft at an existing industrial facility in Duarte. The system will be sited on a paved area behind the industrial facility, with no other buildings or facilities within 100 ft. For these reasons, the project will not have a significant effect on the environment and falls under the categorical exemption listed in 14 C.C.R. 15301.

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

The Energy Commission made CEQA findings pertaining to this project, including finding that it was categorically exempt under CCR tit. 14, sections 15301 when the Energy Commission originally approved the agreement on July 25, 2019. The currently proposed changes through this amendment involve changing the demonstration site. The change will not result in any environmental impacts beyond those already considered by the Commission.

This amended Notice of Exemption provides documentation of the demonstration site change and the CEC's analysis regarding CEQA.

**Lead Agency**

**Contact Person:** Bryan Lee **Area code/Telephone/Ext:** 916-776-0786

**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:** Bryan Lee **Date:** Oct 3, 2022 **Title:** Mechanical Engineer

**Signed by Responsible Agency**

**Signed by Lead Agency**

**Signed by Applicant**

**Date received for filing at OPR:** \_\_\_\_\_






# CEQA NOE EPC-18-024 20220826

Final Audit Report

2022-10-03

|                 |  |
|-----------------|--|
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