

**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:** South 8 Technologies

**Project Title:** Advanced Li-ion Chemistry for Safer and Greener Electric Vehicle and Energy Storage Systems

**Project Location – Specific:** 3030 Bunker Hill St Ste 319

**Project Location – City:** San Diego 92109      **Project Location – County:** San Diego

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

The purpose of this Agreement is to fund the development of liquefied gas electrolytes for their use in Li-ion cells with superior performance metrics compared to the state-of-practice. Development will focus on utilizing a graphite anode, high-nickel cathode, and demonstration of high cell safety and recyclability with a focus on their use in energy storage system (ESS) or electric vehicle applications.

**Name of Public Agency Approving Project:** California Energy Commission

**Name of Person or Agency Carrying Out Project:** South 8 Technologies

**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 provides that projects consisting 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. No permitting is required for this project; activities are being conducted in an existing facility. Therefore, the project falls within section 15301 and will not have a significant effect on the environment.

Cal. Code Regs., tit. 14, sect. 15306 consists of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource. The project involves the development and laboratory testing of liquefied gas electrolytes for their use in Li-ion cells with superior performance metrics compared to the state-of-practice. This work will not result in a serious or major disturbance to an environmental resource and testing activities are being conducted at an existing facility. For these reasons, the proposed project will have no significant effect on the environment and is categorically exempt under section 15306.

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

**Reasons why project is exempt:**

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

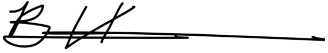
No permitting is required for this project, activities are being conducted in an existing facility.

**Lead Agency**

**Contact Person:** Braden Henderson **Area code/Telephone/Ext:** 916-327-3315

**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:** 3/23/21 **Title:** Energy Commission Specialist I

**Signed by Responsible Agency**

**Signed by Lead Agency**

**Signed by Applicant**

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