

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: CALSTART, Inc.

Project Title: HyZET: A Design and Feasibility Study of a Fuel Cell-Powered Commercial Harbor Craft

Project Location – Specific: 48 S Chester Ave

Project Location – City: Pasadena 91106 **Project Location – County:** Los Angeles

Description of Nature, Purpose and Beneficiaries of Project:

The purpose of this agreement is to develop an actionable hydrogen fuel cell-powered tugboat design that will be ready for construction and implementation at the Port of Los Angeles. The vessel design and feasibility study will address challenges related to using liquid hydrogen to power the tugboat, including how liquid hydrogen can be produced and delivered to the port.

Research, design, and modeling work for this project will take place in existing office settings. This agreement is intended to lead to ratepayer benefits including air quality improvements, greenhouse gas emission reductions, and lower hydrogen costs to enable decarbonization of multiple sectors by developing a pathway to use hydrogen fuel cells in a megawatt-scale harbor craft application.

Name of Public Agency Approving Project: California Energy Commission

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

Reasons why project is exempt:

This project involves research, design, and modeling work that will result in a paper study only. The activity is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA.

Lead Agency

Contact Person: Peter Chen **Area code/Telephone/Ext:** 916-766-0743

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: *Peter Chen* Date: 3/26/2021 Title: Mechanical Engineer

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____