

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
 Sacramento, CA 95814

Project Applicant: ZeroAvia Federal, Inc.

Project Title: Liquid Hydrogen Refueler for Hydrogen-Electric Aircraft Applications

Project Location:

Address	City	County
60 Airport Dr	Hollister 95023	San Benito
1434 Flight Line	Mojave 93501	Kern

Description of Nature, Purpose and Beneficiaries of Project:

The purpose of this project is to develop and demonstrate a mobile liquid hydrogen storage and dispensing system that incorporates zero-boil-off in order to achieve a low cost and high efficiency fueling solution for off-road liquid hydrogen applications. This project will facilitate the adoption of liquid hydrogen fueled vehicles in the off-road sector. By doing this, it can help reduce pollution around airports and ports which currently suffer from high air pollution. It will also increase hydrogen generation demand which could decrease the cost of fuel as the product scales.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: ZeroAvia Federal, 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:

Cal. Code Regs., tit. 14, § 15301: A project that consists of 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 is categorically exempt from CEQA. This project involves the system design, optimization, and integration of a mobile liquid hydrogen refueler that will all take place in existing research facilities. The mobile refueler will then be demonstrated for a short period of time at an existing airport already used for refueling aircraft and negligible expansion of existing use is expected. Therefore, this project is categorically exempt from CEQA.

This proposed project does not impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies; 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

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


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: Antonio Gomez **Area code/Telephone/Ext:** 916-776-7966

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:** 10/27/2023 **Title:** Mechanical Engineer

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____