

Notice of Exemption

Form D

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

From: California Energy Commission
1516 9th Street
Sacramento, CA 95814

Project Title: Wireless Power Transfer Charging System for Battery-Electric Locomotive

Project Applicant: Rail Propulsion Systems LLC

Project Location - Specific: 3400 Frontera Street, Anaheim, CA 92806 and 310 East Walnut Ave., Fullerton, CA 92832

Project Location - City: Anaheim and Fullerton

Project Location - County: Orange

Description of Nature, Purpose and Beneficiaries of Project:

Under grant agreement ARV-21-XXX, the California Energy Commission will provide a \$270,000 grant to Rail Propulsion Systems LLC to build and test a working railyard wireless power transfer (WPT) charging station that will successfully charge a battery-electric locomotive, and to provide data and analysis from extensive tests of the system in real-world railyard operating conditions. The purpose of this project is to demonstrate a WPT locomotive charging station to allow the battery-electric locomotive to be charged wirelessly, by stopping the locomotive at any position along a short length of track for static charging at the rail yard. Beneficiaries include residents of Anaheim.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Rail Propulsion Systems LLC

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Cal. Code Regs., tit. 14, §15301 and §15303
- Statutory Exemptions. State code number: _____

Reasons why project is exempt:

14 CCR § 15301 provides for 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. This project involves installation of a wireless power transfer (WPT) locomotive charging station, temporary power electronics, and battery system at an existing railyard, using existing cable and tracks. No new, modified, expanded operation of the facility or equipment is necessary. This project entails the conversion of an existing locomotive charging system to a wireless charging system and will not require major alteration of existing structures, facilities, mechanical equipment, or topographical features. For these reasons, this project will have no significant impact on the environment and is categorically exempt under 14 CCR section 15301.

14 CCR § 15303 provides for the construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure. This project will install small new equipment between rails on existing track; the estimated footprint of the project is 18 inches by 48 inches. Thus, only minor modifications are made, only small structures will be installed, and no new grading, paving, or construction is necessary. For these reasons, this project will have no significant impact on the environment and is categorically exempt under 14 CCR section 15303.

Responsible Agency

Contact Person: Alex Wan Area Code/Telephone/Extension: 916-805-7477

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: Alexander Wan Date: 12-8-2021 Title: Associate Energy Specialist

Signed by Responsible Agency

Signed by Lead Agency

Date received for filing at OPR: _____

Signed by Applicant