

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: Electric Power Research Institute, Inc.

Project Title: Smart, Hybrid, Grid-Connected Exterior Lighting Systems.

Project Location:

<u>Address</u>	<u>City</u>	<u>County</u>
24740 Jefferson Ave	Murrieta 92562	Riverside
21227 Figueroa St	Carson 90745	Los Angeles
3101 Boyd Rd	Arcata 95521	Humboldt
2043 Stockton Ct	Fortuna 95540	Humboldt
2129 Coronado Ave	San Diego 92154	San Diego
1194 Hollister St	San Diego 92154	San Diego

Description of Nature, Purpose and Beneficiaries of Project:

This project will design, develop and demonstrate hybrid exterior luminaires across six low-income sites in California.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Electric Power Research Institute, 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 ; Cal. Code Regs., tit. 14, § 15306
- 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 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. This project would replace existing exterior luminaires in low-income multifamily complex with a more energy efficient, hybrid luminaires. Specifically, this project will retrofit over 100 high intensity discharge luminaires with newly developed hybrid luminaire prototypes in 6 low-income/disadvantaged communities 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.

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

This project will involve the development and will evaluate a hybrid powered area luminaire that lowers the grid energy consumption of exterior lighting compared to existing grid-tied, non-dimmable, high intensity discharge lighting. Prototype designs will be lab tested in a controlled research laboratory. This project will then replace existing exterior luminaires in low-income multifamily complex with a more energy efficient, hybrid luminaires. This work will not result in a serious or major disturbance to an environmental resource. For these reasons, the proposed project will have no significant effect on the environment and is categorically exempt under section 15306.

Lead Agency

Contact Person: Adel Suleiman **Area code/Telephone/Ext:** 916-996-1054

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: Adel Suleiman **Date:** 4/16/2021 **Title:** Sr. Electrical Engineer

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____