

Notice of Exemption**Form D**

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: Tandem PV, Inc.

Project Title: Processing and Architecture Design to Develop and Demonstrate Stable and Efficient Perovskite + Silicon Tandem Modules

Project Location – Specific: 2922 Scott Blvd

Project Location – City: Santa Clara 95054 **Project Location – County:** Santa Clara

Description of Nature, Purpose and Beneficiaries of Project:

This applied research and development project builds on advances in thin-film metal halide perovskite materials science and scalable manufacturing processes to catalyze the development of a new generation of solar photovoltaics (PV) technologies to deliver capital-efficient, low-cost solar energy to California ratepayers.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Tandem PV, 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:


This project is exempt under Cal. Code Regs., Title 14, 15301 Existing Facilities because project will include development of manufacturing tools for fabrication of tandem perovskite-on-silicon solar modules in an existing laboratory. The anticipated research experiments anticipated for this project will be conducted within existing structures involving negligible or no expansion of existing or former use. In addition, research will include data collection and will not result in a serious or major disturbance to any environmental resources. Therefore, this project is exempt under California Code of Regulations, title 14, § 15306, Information Collection. None of the prohibitions to these categorical exemptions apply.

Lead Agency

Contact Person: Katharina Gerber **Area code/Telephone/Ext:** 916-327-2201

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:** 9/19/2019 **Title:** ECS II

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____

Governor's Office of Planning & Research

SEP 23 2019

STATE CLEARINGHOUSE