

**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:** The Regents of the University of California on behalf of the Davis campus Revised

**Project Title:** Improving Water and Energy Efficiency in California's Dairy Industry

**Project Location:**

Address	City	County
1 Shields Ave <u>11275 Road 96</u>	Davis 95616 <u>Pixley 93256</u>	Yolo Tulare

**Description of Nature, Purpose and Beneficiaries of Project:**

This project targets the reduction of water and energy use in California's dairy industry. The objective is to demonstrate on a pilot scale, two innovative approaches to cooling dairy cattle in California: 1) Conduction cooling combined with a sub wet-bulb evaporative chiller and 2) Targeted convection cooling using direct evaporative cooling technology. In addition to evaluating water and energy consumption of the technology, this project will research methods to accelerate market adoption of the technology.

**Name of Public Agency Approving Project:**

California Energy Commission

**Name of Person or Agency Carrying Out Project:**

The Regents of the University of California on behalf of the Davis campus

**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:**

**The Energy Commission made CEQA findings pertaining to this project when the project was originally approved by the Commission. The Energy Commission found that the project is exempt. This Amendment does not alter the original CEQA determination.**

California Code Regulations, Title 14, Section 15301 provides that projects which consist of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, and which involve negligible or no expansion of use beyond that existing at the time of the lead agency's determination, are categorically exempt from the provisions of the

California Environmental Quality Act. This project involves the installation of cooling technologies for installation in existing free-stall dairy barns to improve energy and water efficiency.

The first pilot will be at UC Davis and the other will be a dairy in Tulare County. Also added to the installation will be data monitoring and measurement equipment. Installation of equipment necessary for measurement and verification activities will be limited to instrumentation for data collection and analysis and will not alter existing facility equipment or operations. Therefore, the project will not have a significant effect on the environment and falls within section 15301.

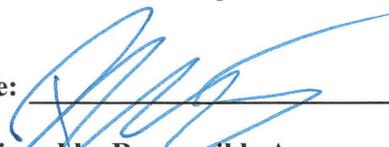
California Code Regulations, Title 14, Section 15306 provides that projects which consist of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource are categorically exempt from the provisions of CEQA. This project entails data collection and performance evaluation to document energy and water savings of cooling technologies to be installed in existing dairy barns. The results will include technical reports and presentations to disseminate the results. For these reasons, the project will not have a significant effect on the environment and falls within section 15306.

**Lead Agency**

Contact Person: Brad Williams Area code/Telephone/Ext: 916-327-3312

**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: 05/02/2019 Title: PROJECT MANAGER

- Signed by Responsible Agency
- Signed by Lead Agency
- Signed by Applicant

Date received for filing at OPR: \_\_\_\_\_

Governor's Office of Planning & Research

JUN 03 2019

STATE CLEARINGHOUSE