

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: AgMonitor Inc.

Project Title: Load Shifting During Critical Summer Hours via Programmable Irrigation

Project Location:

<u>Address</u>	<u>City</u>	<u>County</u>
2385 E Barstow Ave	Fresno 93740	
7753 W Undine Road	Tracy 95376	San Joaquin
32149 Cecil Ave	Delano 93215	Kern

Description of Nature, Purpose and Beneficiaries of Project:

Develop and deploy new demand response software features on AgMonitor's Software-as-a-service platform to help growers on at least 10,000 acres achieve at least 7 MW of load shifting away from the critical hours of 5-8 pm when the sun sets and the grid sees a large ramp in net demand. Project will enroll farms and adjust their existing irrigation schedules to be out-side of the 5-8 pm window to help with grid stability during critical summer months. Schedule shifts will be either manual (with in the field workers) or automatic using AgMonitor's software platform for farms that have existing automated irrigation control systems.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: AgMonitor 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:

As part of the project, software will be employed to existing irrigation pumps (on existing farms) and scheduled to be turned off during peak hours (5-8pm) by automated controls or by workers in the field already tasked with irrigation duties. The irrigation schedule, tracking of when the pumps are in use, and generation of automated reporting will be done by AgMonitor's suite of software.

As such, this project involves the use of software and new, small equipment such as power meters, soil moisture sensors and installation of valves and motors on existing irrigation lines. To perform the demonstration, the equipment must be installed at the demonstration sites. The installation will require minimal to no construction activity. The equipment will be placed within the existing growing areas and surrounding facilities.

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

Lead Agency

Contact Person: Anish Gautam **Area code/Telephone/Ext:** 916-776-0759

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: Anish Gautam **Date:** 2021-5-13 **Title:** _____

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____