

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: Advanced Microgrid Solutions, Inc.

Project Title: Irvine Ranch Water District Load Shifting and Demand Response Pilot Project - REVISED

Project Location:

Address	City	County
3512 Michelson Dr	Irvine 92612	Orange
26 Waterworks Way	Irvine 92618	Orange
4951 1/2 Portola	Irvine 92620	Orange
22312 Muirlands Blvd	Lake Forest 92630	Orange
1704 W Segerstrom	Santa Ana 92704	Orange
3302 West Warner Avenue	Santa Ana 92704	Orange
1221 Edinger Ave	Tustin 92780	Orange
<u>21802 Wisteria</u>	<u>Lake Forest 92630</u>	<u>Orange</u>
<u>2512 West Warner Avenue</u>	<u>Santa Ana 92704</u>	<u>Orange</u>
<u>2114 S. Anne Street</u>	<u>Santa Ana 92704</u>	<u>Orange</u>
<u>17675 ¼ Harvard Avenue</u>	<u>Irvine 92614</u>	<u>Orange</u>

Description of Nature, Purpose and Beneficiaries of Project:

The Irvine Ranch Water District Demand Response Pilot Project will develop, test, and validate a pre-commercial load shifting and demand response technology for water agencies that includes real time monitoring, automated load control, cost optimization, energy storage and automated demand response capabilities. The platform will be tested in Southern California.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Advanced Microgrid Solutions, 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 from CEQA under the Class 1 CEQA categorical exemption, which applies to the operation, repair, maintenance, permitting, leasing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond

existing use. No known discretionary permits are needed to design, install, demonstrate, and evaluate advanced sensor technologies, fault detection and diagnostic software at water treatment, pumping and recycling facilities. Class 1 specifically covers "interior or exterior alterations involving interior partitions, plumbing, and electrical conveyances." The project entails installing sensors and applying advanced data monitoring, automated load control technologies, and pre-commercial energy cost optimization software, which involves the operation and minor alteration of an existing water treatment and recycling facility involving negligible or no expansion of use beyond that existing.

The project is exempt from CEQA under the Class 6 CEQA categorical exemption, which applies to basic data collection, research, experimental management, and resources evaluation activities which do not result in a serious or major disturbance to an environmental resource. This project involves basic data collection of baseline energy use data and post-installation of load shifting and demand response technology platform energy use which will not result in a serious or major disturbance to an environmental resource.

Lead Agency

Contact Person: Amir Ehyai **Area code/Telephone/Ext:** 916-327-3094

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:** 6/3/2019 **Title:** ECS II

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

Date received for filing at OPR: STATE CLEARINGHOUSE
JUN 03 2019
Governor's Office of Planning & Research