

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: Antelope Valley Water Storage, LLC

Project Title: Long Duration 50 kW Energy Storage with Aquifer Pumped Hydro

Project Location - Specific: 16071 Gaskell Rd

Project Location - City: Rosamond 93560 Project Location - County: Kern

Description of Nature, Purpose and Beneficiaries of Project:

Grant to fund a behind the meter demonstration of a non-lithium ion energy storage technology, Aquifer Pumped Hydro. Aquifer Pumped Hydro (APH) energy storage provides a long duration energy discharge at 50 kW. The project will include retrofitting an existing well motor to act as an energy generator and the installation and operation of a small onsite reservoir and an energy storage device. Project will benefit local community and electricity ratepayers.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Antelope Valley Water Storage, LLC

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));
[X] Categorical Exemption. State type and section number
Cal. Code Regs., tit 14, § 15303 New Construction or Conversion of Small Structures
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, sec. 15303 exempts projects consisting of the construction and location of limited numbers of new, small facilities or structures; the installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure. This project will involve the construction of a new small onsite reservoir with connections; the conversion retrofit of an existing well motor for aquifer pumped hydro requiring minor modifications; and the installation of a new small energy storage device, and is therefore exempt under CEQA.

Lead Agency

Contact Person: Joseph Sit Area code/Telephone/Ext: 916-327-1315

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

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

Signature: Joseph Alt

Date: 07/14/2020

Title: Utilities Engineer

Governor's Office of Planning & Research

Aug 10 2020

STATE CLEARINGHOUSE

Date received for filing at OPR: _____

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