

**To:** Office of Planning and Research  
 PO Box 3044  
 1400 Tenth Street, Room 113  
 Sacramento, CA 95812-3044

**From:** California Energy Commission  
 715 P Street, MS-48  
 Sacramento, CA 95814

**Project Applicant:** BoxPower Inc.

**Project Title:** CATAPULT: "California Title 24 Advanced Power Utilization Technology" – (REVISED)  
 Replaces NOE filed 1/31/2022

**Project Location:**

<u>Address</u>	<u>City</u>	<u>County</u>
Hughes Rd	Grass Valley 95945	Nevada
Bush Rd	Nevada City 95959	Nevada
Cactus Lane	Grass Valley 95945	Nevada (New site)
Inyokern Way	Grass Valley 95945	Nevada (New site)
Cassandra Rd	Tollhouse 93667	Fresno
Orchard Way	Grass Valley 95945	Nevada (New site)
Los Verjeles Road	Bangor 95914	Butte (New site)
Mile High Rd	Julian 92036	San Diego (New site)
Vicki Dr	North San Juan 95960	Nevada (New site)
38Th Ave	Oakland 94601	Alameda (New site)
Green Leaf Ln	Foresthill 95631	Placer
Road 284	Porterville 93257	Tulare (New site)
Road 296	Porterville 93257	Tulare (New site)
Indian Reservation Rd	Porterville 93257	Tulare (New site)
Augustine Rd	Nevada City 95959	Nevada
63rd St	Sacramento 95820	Sacramento (Research)
12438 Loma Rica Dr Ste C	Grass Valley 95945	Nevada (Manufacturing)

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

Under agreement EPC-19-047, the California Energy Commission approved a \$999,099 grant to BoxPower Inc. at its July 2020 Business meeting, and adopted CEQA findings that this project is exempt from CEQA under Categorical Exemptions CCR tit. 14, section 15301 and section 15303.

The project will conduct demonstrations of modular containerized solar plus energy storage system at fifteen residential customer sites. The project will demonstrate the system performance as an integrated hardware and software platform that is Title 24 JA12 compliant with the ability to provide: behind the meter residential customer electricity cost savings and price stability; resiliency during utility power outages; and grid services. The data obtained on capital cost, operating cost, performance, and lessons learned will support future commercial deployments.

This project will provide benefits for the recipient, the host sites, the utility grid, and investor-owned utility ratepayers.

**Name of Public Agency Approving Project:** California Energy Commission

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

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

- Statutory Exemptions. State code number.
- Common Sense Exemption. (Cal. Code Regs., tit. 14, §15061(b)(3))

**Reasons why project is exempt:**

COVID related delays to the project kick off in 2020 and project implementation during 2021 resulted in ten of the original fifteen project demonstration sites having to be replaced. On January 31, 2022, the CEC filed an NOE; however, the CEC is replacing that NOE with this one to provide additional information.

The type of work to be completed at the fifteen residential demonstration sites as well as the research site, and the basis for CEQA exemption has not changed from the original CEQA determination adopted at the July 8, 2020 Business Meeting. The project demonstration deployments consist of a containerized energy storage system adjacent to an existing building (similar to the installation of an air conditioner unit outside a house). The installation may require minor trenching for electrical cables and paving to support the system. The energy storage systems will be connected to residential scale roof mounted or ground mounted solar photovoltaic arrays. Ground mounted solar will be within existing, disturbed or developed, residential lots. Manufacturing activities will take place within existing facilities.

Cal. Code Regs., tit 14, § 15301 exempts the operation, repair, maintenance, permitting, and minor alteration of existing structures, facilities, mechanical equipment, or topographical features involving negligible or no expansion of use. This project consists of the installation of small containerized solar plus storage energy systems at existing residences. Equipment will be installed on existing roofs, in existing garages, and adjacent to existing residences such as backyards. The project will involve the minor alteration and operation of existing residences and their associated mechanical equipment. Manufacturing efforts will take place within existing facilities.

Cal. Code Regs., tit 14, § 15303 exempts 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 consists of the installation of a small containerized solar plus storage energy system equipment at each of the selected residences. The equipment will consist of small solar equipment installed on the roof of the residence or adjacent to the residence and small energy storage equipment installed inside the garage, inside another structure associated with the residence, or adjacent to the residence. Installation will only require minor modifications to the exterior of the existing structures.

**Lead Agency**

**Contact Person:** Robin Goodhand **Area code/Telephone/Ext:** 916-776-0766

**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:** March 30, 2022 **Title:** EGSS-I

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

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