

**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  
 Sacramento, CA 95814

**Project Applicant:** The Regents of the University of California, on behalf of the Berkeley Campus

**Project Title:** Super-GX: Scale Grid-responsive Supervisory Control for Multiple Commercial Buildings and EV Charging

**Project Location:**

| <u>Address</u>                                   | <u>City</u>    | <u>County</u> |
|--|----------------|---------------|
| 1919 Torrance Blvd                               | Torrance 90501 | Los Angeles   |
| 653 E Peltason Dr                                | Irvine 92697   | Orange        |
| 314 Engineering Quad                             | Irvine 92697   | Orange        |
| 102 Gateway Quad                                 | Irvine 92697   | Orange        |
| Social Science Plaza A - 211 Social Science Quad | Irvine 92697   | Orange        |
| 605 Humanities Quad                              | Irvine 92697   | Orange        |
| 836 Medical Sciences Quad                        | Irvine 92697   | Orange        |
| 402 Physical Sciences Quad                       | Irvine 92697   | Orange        |
| Social Science Plaza B - 213 Social Science Quad | Irvine 92697   | Orange        |

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

The proposed project focuses on demonstrating and scaling demand flexibility in large commercial building Distributed Energy Resources (DER). This project will use open-source mechanisms to prove the technology through multiple case studies and provide training, education, and resources at multiple levels (building owner, facility manager, building operator). The Super-GX technology leverages an industry standard Building Automation System and data analytics platform to provide visibility to building operators. The project will show the simplicity of adding a system integrator's supervisory control to integrate price signals and novel Demand Response algorithms to enable demand flexibility in large commercial buildings. This project will also reduce peak power and result in reduced emissions, which improves the air quality of the surrounding community while also providing community benefit and market adoption by developing and deploying operator and contractor training.

**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 Berkeley 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

Authority cited: Sections 21083 and 21110, Public Resources Code. Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.  
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- 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. 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 existing or former use at the time of the lead agency's determination, are categorically exempt from the provisions of California Environmental Quality Act (CEQA). The Regents of the University of California, on behalf of the Berkeley campus is developing demand flexibility control software at the Regent of University of California, on behalf of the Berkeley campus and installing the demand flexibility software at existing facilities at the Regent of University of California, on behalf of the Irvine campus and the American Honda Motor Company campus by adding the software to the building energy systems. Up to 10 existing buildings will benefit from this demand flexibility software through enhanced building and electric vehicle charging load control to reduce energy demand and energy costs. This project will result in negligible or no expansion of use beyond that already existing. Therefore, the project falls within section 15301 and will not have a significant effect on the environment.

The project does not involve impacts on any particularly sensitive environment; will not impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies; does not involve any cumulative impacts of successive projects of the same type in the same place that might be considered significant; does not involve unusual circumstances that might have a significant effect on the environment; will not result in damage to scenic resources within a highway officially designated as a state scenic highway; the project site is not included on any list compiled pursuant to Government Code section 65962.5; and the project will not cause a substantial adverse change in the significance of a historical resource. Therefore, none of the exceptions to categorical exemptions listed in CEQA Guidelines section 15300.2 apply to this project, and this project will not have a significant effect on the environment.

**Lead Agency**

**Contact Person:** Matthew Fung **Area code/Telephone/Ext:** 916-776-0757

**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:** Matthew Fung **Date:** 2/28/2025 **Title:** Mechanical Engineer

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

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

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