

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: Prospect Silicon Valley

Project Title: Dynamic, Grid-Flexible Cold Storage Refrigeration Featuring Advanced CO2 Heat Pump, Thermal Storage, and Defrost Controls

Project Location – Specific: 1105 Industrial Ave

Project Location – City: Petaluma 94952

Project Location – County: Sonoma

Description of Nature, Purpose and Beneficiaries of Project:

Prospect Silicon Valley is installing a high efficiency low temperature and medium temperature refrigeration system through a new hybrid booster system that will interface with a custom evaporator that use heat reclaim from the refrigeration cycle to defrost for little to no energy. Straus Family Creamery located in Petaluma CA, will install a 60-ton refrigeration system with thermal energy storage and advanced controls at multiple cold storage sites with a total of 2,638 square feet of separate refrigerated space: a hardening room (-30F, 840 sq ft), a finished goods cooler (35F, 1305 sq ft), and an ingredient cooler (35F, 493 sq ft).

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Prospect Silicon Valley

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:

This project is exempt under Cal. Code 15301: Existing Facilities because the project involves upgrading an existing facility's refrigerant system with an updated refrigerant system with a similar cooling capacity. The new system will take up less space and does not involve adding additional square footage to the facility. The updated refrigeration system uses less power and will not result in an additional electrical load.

Lead Agency

Contact Person: Christian Fredericks

Area code/Telephone/Ext: 916-776-0755

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: Christian Fredericks

Date: 08/21/24

Title: Mechanical Engineer

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____