

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: Icarus RT, Inc.

Project Title: Icarus Hybrid Photovoltaic/Thermal Solar Plus Storage Cogeneration System

Project Location – Specific: 315 Fourth Ave

Project Location – City: Chula Vista 91910

Project Location – County: San Diego

Description of Nature, Purpose and Beneficiaries of Project:

Icarus will install a 280-kW Quartet hybrid photovoltaic/thermal solar plus storage cogeneration system and up to 10 EV charging stations at the Chula Vista Police Department Headquarters. The Icarus Quartet system extracts waste heat from PV panels to improve PV performance, collects and stores heat energy, and converts heat energy into hot water on-demand. The project will include an overhead parking canopy to install PV panels, heat extractors and solar thermal modules. Trenching is necessary for new piping. Small bore piping will deliver hot water from the solar array to the building hot water heaters. The Police Department building already exists and is planning installation of additional solar PV.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Icarus RT, 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

Statutory Exemptions. State code number. PRC § 21080.35

Common Sense Exemption. (Cal. Code Regs., tit. 14, §15061(b)(3))

Reasons why project is exempt:

The Icarus Quartet system extracts waste heat from PV panels to improve PV performance; and collects, stores, and converts heat energy into hot water on-demand. The project will include an installation of a solar PV/thermal project on an existing parking lot canopy and roof, including heat extractors and solar thermal modules. The proposed project will trench for new piping as necessary. Small bore piping will deliver hot water from the solar array to the building hot water heaters. Senate Bill 226 (2011) exempts solar energy systems associated with building rooftops and parking lots from environmental review under CEQA. This CEQA exemption is contained in Section 21080.35 of the Public Resources Code.

Lead Agency

Contact Person: Michael Ferreira **Area code/Telephone/Ext:** 510-364-8808

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: Michael Ferreira **Date:** 1/28/22 **Title:** Associate Energy Specialist

Signed by Responsible Agency

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: _____