



**CALIFORNIA
ENERGY COMMISSION**



**California Energy Commission
August 09, 2023 Business Meeting
Backup Materials for Agenda Item No 03ci:
Alpine Fire Protection District**

The following backup materials for the above-referenced agenda item are available in this PDF packet as listed below:

1. Proposed Resolution
2. Loan Request Form
3. Budget Details/Project Cost and Savings

STATE OF CALIFORNIA
STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: Alpine Fire Protection District

RESOLVED, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

RESOLVED, that the CEC approves agreement 001-23-ECI with the Alpine Fire Protection District in for a \$473,790 loan at one percent interest. The loan will finance an 84 kW carport solar PV array in San Diego County. Upon project completion, it is estimated to reduce 132,800 kWh of electricity consumption in the first year of solar production, saving approximately \$27,870 in utility costs per year. The simple payback period is 17.0 years; and

FURTHER BE IT RESOLVED, that the Executive Director or their designee shall execute the same on behalf of the CEC.

CERTIFICATION

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on August 09, 2023.

AYE:
NAY:
ABSENT:
ABSTAIN:

Dated:

Kristine Banaag
Secretariat



STATE OF CALIFORNIA

LOAN REQUEST FORM (LRF)

CEC-271 (Revised 11/2019)

CALIFORNIA ENERGY COMMISSION

A) New Agreement # 001-23-ECI (to be completed by CGL office)

B) Division	Agreement Manager:	MS-	Phone
Reliability, Renewable Energy & Decarbonization Incentives	Sean Lockwood	45	916-891-9074

C) Recipient's Legal Name	Federal ID Number
Alpine Fire Protection District	95-2701432

D) Title of Project
Carport Solar PV Array Installation at Alpine Fire Protection District

E) Term and Amount

Start Date	End Date	Amount
8/10/2023	2/28/2025	\$473,790

F) Business Meeting Information

ARFVTP agreements \$75K and under delegated to Executive Director

Proposed Business Meeting Date: 8/9/2023 Consent Discussion

Business Meeting Presenter: Sean Lockwood

Time needed: N/A

Please select one list serve. Financing (Energy Efficiency Financing)

Agenda Item Subject and Description:

Alpine Fire Protection District. Proposed resolution approving agreement 001-23-ECI with the Alpine Fire Protection District for a \$473,790 loan at one percent interest and adopting staff's determination that this action is exempt from CEQA. The loan will finance an 84 kW carport solar PV array in San Diego County. Upon project completion, it is estimated to reduce 132,800 kWh of electricity consumption in the first year of solar production, saving approximately \$27,870 in utility costs per year. The simple payback period is 17.0 years.

G) California Environmental Quality Act (CEQA) Compliance

1. Is Agreement considered a "Project" under CEQA?

Yes (skip to question 2) No (complete the following (PRC 21065 and 14 CCR 15378)):

Explain why Agreement is not considered a "Project":

Agreement will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because .

2. If Agreement is considered a "Project" under CEQA:

a) Agreement **IS** exempt.

Statutory Exemption. List PRC and/or CCR section number: Pub. Resources Code § 21080.35

Categorical Exemption. List CCR section number: Cal. Code Regs., tit. 14, §§ 15301, 15303, 15304, 15311



LOAN REQUEST FORM (LRF)

Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why Agreement is exempt under the above section:

This project will install an 84 kW-DC carport solar PV array at the Alpine Fire Protection District's Station 17.

The carport shade structure solar PV array will be installed over an existing parking lot that has existed and been used for parking for over two years. Some trenching will be needed to run conduit to connect the array to the existing utility meter. No trees that are required to be planted, maintained or protected pursuant to local, state or federal requirements or are native trees that are over 25 years old will be removed.

This project is therefore statutorily exempt from CEQA under Public Resources Code section 21080.35 as installations of a solar energy system over an existing parking lot. The project is also categorically exempt from environmental review pursuant to CEQA Guidelines section 15301 as minor alterations to existing facilities that involve no expansion of an existing or former use at the sites, categorically exempt pursuant to CEQA Guidelines section 15303 as the installation of small new equipment, categorically exempt pursuant to CEQA Guidelines section 15304 as minor alterations to land, and categorically exempt pursuant to CEQA Guidelines section 15311 as construction of structures accessory to an existing commercial, industrial or institutional facility.

The project 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.

b) Agreement **IS NOT** exempt. (consult with the legal office to determine next steps)

Check all that apply

Initial Study

Negative Declaration

Mitigated Negative Declaration

Environmental Impact Report

Statement of Overriding Considerations

H) List all subcontractors (major and minor) and equipment vendors: (attach additional sheets as necessary)



LOAN REQUEST FORM (LRF)

Legal Company Name:	Budget
	\$ 0.00
	\$ 0.00
	\$ 0.00

I) List all key partners: (attach additional sheets as necessary)

Legal Company Name:

J) Budget Information

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
ECAA	2022-2023	401.007	\$473,790
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&D Program Area: Select Program Area

TOTAL: \$473,790

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:

K) Recipient's Contact Information

1. Recipient's Administrator/Officer

Name: Debbie Pinhero
 Address: 1364 Tavern Road
 City, State, Zip: Alpine, CA 91901
 Phone: (619) 445-2635
 E-Mail: dpinhero@alpinefire.org

2. Recipient's Project Manager

Name: Brian Boggeln
 Address: 1364 Tavern Road
 City, State, Zip: Alpine, CA 91901
 Phone: (619) 445-2635
 E-Mail: bboggeln@alpinefire.org

L) Miscellaneous Agreement Information

- Annual Energy Savings \$27,870
- Number of Repay Periods Leave blank if repay is based on energy savings

M) Selection Process Used



STATE OF CALIFORNIA

LOAN REQUEST FORM (LRF)

CEC-271 (Revised 11/2019)

CALIFORNIA ENERGY COMMISSION

- Competitive Solicitation Solicitation #:
- First Come First Served Solicitation. Solicitation#: PON-22-002

N) The following items should be attached to this LRF

- | | | |
|---|-------------------------------------|--|
| 1. Loan Application | <input checked="" type="checkbox"/> | Attached |
| 2. Budget Detail | <input checked="" type="checkbox"/> | Attached |
| 3. CEC 105, Questionnaire for Identifying Conflicts | <input checked="" type="checkbox"/> | Attached |
| 4. Recipient Resolution | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 5. CEQA Documentation | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |

Agreement Manager: Sean Lockwood

Approval Date: 6/6/2023

Office Manager: Christopher Meyer

Approval Date: 6/14/2023

Deputy Director: Armand Angulo

Approval Date: 7/6/2023

**EXHIBIT A
ATTACHMENT 1
BUDGET DETAIL/PROJECT COST AND SAVINGS**

This loan is made to the Alpine Fire Protection District (Borrower) for an energy savings project. The project consists of the energy efficiency measures listed in Table 1 below to be installed at one site in Alpine, CA in San Diego County.

The table below summarizes the estimated project cost(s), saving(s), and simple payback(s) for the project.

TABLE 1: Summary of Project Cost and Savings:

Energy Efficiency Measures	Estimated Total Project Cost	Energy Commission Loan	Estimated Annual Energy Cost Savings	Simple Payback* (Years)
Alpine Fire Protection District: Install 84 kW-DC carport solar PV array	\$619,081	\$473,790	\$27,870	17.0
TOTALS:	\$619,081	\$473,790	\$27,870	17.0

*The simple payback is based on the loan amount.

The Borrower shall implement each measure listed in Table 1.

If the Borrower does not complete one or more of the measures or deviates from the quantities and specifications listed in Table 1, the California Energy Commission (CEC) project manager will calculate the maximum loan amount supported by the project. The loan amount will be determined by the lesser of: 1) multiplying the annual energy cost savings by 17; 2) total project costs; or 3) approved loan amount.

The Borrower shall notify the CEC project manager in writing if the Borrower expects any information in Table 1 to change. CEC staff will advise the Borrower of the procedure to approve any changes. Written documentation is required for any changes to the information included in this attachment.

If the Borrower has received disbursements exceeding the maximum loan amount supported by the project, the Borrower shall refund the difference to the CEC within 30 days of notification.