



**CALIFORNIA
ENERGY COMMISSION**



**California Energy Commission
August 9, 2023 Business Meeting
Backup Materials for Agenda Item No: 03bii
Tulare County Office of Education**

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: Tulare County Office of Education

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 008-23-ECG with Tulare County Office of Education for a \$5,000,000 loan at zero-percent interest. The loan will finance carport solar PV array with battery energy storage, one ground mounted solar PV array, and six electric vehicle (EV) chargers in Tulare County. Upon project completion, it is estimated to reduce 1,269,894 kWh of electricity consumption in the first year of solar production, saving \$265,262 in utility costs per year. The simple payback period is 18.8 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 # 008-23-ECG (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
Tulare County Office of Education	94-2191905

D) Title of Project
Solar Array Installations, Battery Energy Storage and EV Chargers at Two Sites

E) Term and Amount

Start Date	End Date	Amount
8/10/2023	2/28/2025	\$5,000,000

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:

Tulare County Office of Education. Proposed resolution approving agreement 008-23-ECG with Tulare County Office of Education for a \$5,000,000 loan at zero-percent interest and adopting staff's determination this action is exempt from CEQA. The loan will finance carport solar PV array with battery energy storage, one ground mounted solar PV array, and six electric vehicle (EV) chargers in Tulare County. Upon project completion, it is estimated to reduce 1,269,894 kWh of electricity consumption in the first year of solar production, saving \$265,262 in utility costs per year. The simple payback period is 18.8 years. (ECAA-Ed funding)
Contact: Sean Lockwood.

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

**LOAN REQUEST FORM (LRF)**

- Categorical Exemption. List CCR section number: Cal. Code Regs., tit. 14, §§ 15303, 15304, 15311
- Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why Agreement is exempt under the above section:

This project consists of the installation of new small equipment at two existing sites- the Tulare County Office of Education and the Clemmie Gill School of Science and Conservation (SCICON). Specifically, at the Tulare County Office of Education the following will be installed: a carport solar photovoltaic (PV) system, including associated infrastructure, battery storage, and electric vehicle charging equipment. All measures at this site will be installed over existing paved parking lots. The carport solar PV arrays will be installed over parking lots that have existed and been used for parking for over two years and will not require the removal of any trees that are required to be planted, maintained or protected pursuant to local, state or federal requirements or any native trees over 25 years old. The carport solar PV systems' associated equipment, such as electrical conduits and controls, will be located on the same parcel as the solar PV arrays, will not occupy more than 500 square feet of ground surface at the site, and the location of the associated equipment will not contain plants protected by the Native Plant Protection Act. The carport solar PV systems' associated equipment will not require any of the permits listed in Public Resources Code section 21080.35 (d). At the SCICON site a ground-mount solar PV system will be installed over an undeveloped dirt area adjacent to the school. The project will require some trenching at both sites to run conduit to the existing utility meters and to install the structural posts for the solar PV systems.

The installation of the carport solar PV system at the Tulare County Office of Education is therefore statutorily exempt from CEQA under Public Resources Code section 21080.35 as the installation of a solar energy system over existing parking lots. The project as a whole is categorically exempt from environmental review 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 existing institutional facilities. 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)



LOAN REQUEST FORM (LRF)

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)

Legal Company Name:	Budget
SitelogIQ, Inc.	\$ 5,000,000
	\$ 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	401.039	\$5,000,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&D Program Area: Select Program Area

TOTAL: \$ 5,000,000

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:

K) Recipient's Contact Information

1. Recipient's Administrator/Officer

Name: Fernie Marroquin
 Address: 6200 South Mooney Blvd
 City, State, Zip: Visalia, CA 93278
 Phone: (559) 733-6300
 E-Mail: fernie.marroquin@tcoe.org

2. Recipient's Project Manager

Name: Tim Hire
 Address: 6200 South Mooney Blvd
 City, State, Zip: Visalia, CA 93278
 Phone: (559) 733-6300
 E-Mail: tim.hire@tcoe.org

L) Miscellaneous Agreement Information



STATE OF CALIFORNIA

LOAN REQUEST FORM (LRF)

CEC-271 (Revised 11/2019)

CALIFORNIA ENERGY COMMISSION

Annual Energy Savings \$265,262

Number of Repay Periods Leave blank if repay is based on energy savings

M) Selection Process Used

Competitive Solicitation Solicitation#:

First Come First Served Solicitation. Solicitation#: PON-22-001

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

Date

Office Manager

Date

Deputy Director

Date

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

This loan is made to the Tulare County Office of Education (Borrower) for an energy savings project. The project consists of the energy generation measures listed in Table 1 below to be installed at two sites in Visalia, CA in Tulare 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)
Tulare County Office of Education: 637.2 kW-DC Carport Solar PV Array with Battery Energy Storage System	\$4,604,393	\$3,816,252	\$205,251	22.4
Tulare County Office Of Education: 6 Dual-Port EV Chargers	\$237,963	\$237,963	\$12,000	19.8
SCICON School: 171.7 kW-DC Ground Mounted Solar PV Array	\$945,785	\$945,785	\$48,011	19.7
TOTALS:	\$5,788,141	\$5,000,000	\$265,262	18.8

*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 20; 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.