



**CALIFORNIA  
ENERGY COMMISSION**



**California Energy Commission  
August 9, 2023 Business Meeting  
Backup Materials for Agenda Item No: 03bv  
Pacheco Union Elementary School 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: Pacheco Union Elementary School 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 011-23-ECG with Pacheco Union Elementary School District for a \$3,000,000 loan at zero-percent interest. The loan will finance two carport PV arrays totaling 280 kW, upgraded LED lighting and HVAC systems. Upon project completion, it is estimated to reduce 527,678 kWh of electricity consumption in the first year of the project, saving approximately \$156,833 in utility costs per year. The simple payback period is 19.1 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 # 011-23-ECG (to be completed by CGL office)

B) Division	Agreement Manager:	MS-	Phone
Reliability, Renewable Energy & Decarbonization Incentives	Monica Rudman	45	916-707-9787

C) Recipient's Legal Name	Federal ID Number
Pacheco Union Elementary School District	68-0174712

D) Title of Project
Pacheco Union Elementary School District ECAA-Ed Loan

## E) Term and Amount

Start Date	End Date	Amount
8/15/2023	2/28/2025	\$3,000,000

## 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: Monica Rudman

Time needed: N/A

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

### Agenda Item Subject and Description:

**Pacheco Union Elementary School District.** Proposed resolution approving agreement 011-23-ECG with Pacheco Union Elementary School District for a \$3,000,000 loan at zero-percent interest and adopting staff's determination this action is exempt from CEQA. The loan will finance two carport PV arrays totaling 280 kW, upgraded LED lighting and HVAC systems. Upon project completion, it is estimated to reduce 527,678 kWh of electricity consumption in the first year of the project, saving approximately \$156,833 in utility costs per year. The simple payback period is 19.1 years. (ECAA-Ed funding) Contact: Monica Rudman.

## G) California Environmental Quality Act (CEQA) Compliance

- 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 .

- If Agreement is considered a "Project" under CEQA:

a)  Agreement **IS** exempt.

Statutory Exemption. List PRC and/or CCR section number:



# LOAN REQUEST FORM (LRF)

Categorical Exemption. List CCR section number: Cal. Code Regs., tit. 14, §§ 15301, 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 or replacement of new small equipment at two existing sites- Prairie Elementary School and Pacheco Elementary School in Shasta County. Specifically, the following energy efficiency and renewable energy measures will be installed at both sites: a carport solar photovoltaic (PV) system, including associated infrastructure, a comprehensive upgrade of interior and exterior lighting to LED lighting, and replacement of existing HVAC units with high-efficiency HVAC units.

The carport solar PV arrays will be installed over undeveloped dirt and/or grass fields at the sites. Some trenching will be required at both sites to run conduit to the existing utility meters and to install structural posts for the solar PV systems. The EV charger will be installed in an existing parking lot and will also require some trenching to run conduit. No trees will be removed as part of this project. The project involves no expansion of existing or former use at the sites.

The project as a whole is categorically exempt from environmental review pursuant to CEQA Guidelines section 15301 as minor alterations to existing public structures, facilities or mechanical equipment involving negligible or no expansion of 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 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)

Check all that apply

Initial Study

Negative Declaration



# LOAN REQUEST FORM (LRF)

- 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.	\$ 3,000,000
	\$ 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	\$3,000,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&D Program Area: **Select Program Area**      ECAA      TOTAL: \$ 3,000,000

Explanation for "Other" selection

Reimbursement Contract #:      Federal Agreement #:

### K) Recipient's Contact Information



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

This Loan is made to Pacheco Union Elementary School District (“Borrower”) for an energy savings project. The Project consists of the energy efficiency measures listed in Table 1 below to be installed at two schools in the city of Redding, CA in Shasta 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:**

<b>Energy Efficiency Measures</b>	<b>Estimated Total Project Cost</b>	<b>Energy Commission Loan</b>	<b>Estimated Annual Energy Cost Savings</b>	<b>Simple Payback* (Years)</b>
Prairie Elementary School PV System	\$930,774	NA	\$62,646	14.9
Pacheco Elementary School: PV System	\$1,497,332	NA	\$72,884	20.5
Prairie Elementary School Lighting	\$80,187	NA	\$6,833	11.7
Pacheco Elementary School: Lighting	\$169,812	NA	\$14,470	11.7
Prairie Elementary School HVAC	\$171,055	NA	\$0	NA
Pacheco Elementary School: HVAC	\$481,165	NA	\$0	NA
<b>TOTALS:</b>	<b>\$3,330,325</b>	<b>\$3,000,000</b>	<b>\$156,833</b>	<b>19.1</b>

\*The simple payback is based on the Loan amount.

The Borrower shall implement each measure listed in Table

If Borrower does not complete one or more of the measures or deviates from the quantities and specifications listed in Table 1, the Commission 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 20.0 years; 2) total Project costs; or 3) approved Loan amount.

Borrower shall notify the Commission Project Manager in writing if Borrower expects any information in Table 1 to change. Energy Commission staff will advise 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 Energy Commission within 30 days of notification.