



**CALIFORNIA  
ENERGY COMMISSION**



**California Energy Commission  
August 9, 2023 Business Meeting  
Backup Materials for Agenda Item No:03biii  
Guadalupe Union 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: Guadalupe Union 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 009-23-ECG with Guadalupe Union School District for a \$3,143,496 loan at zero-percent interest. The loan will finance two carport solar PV arrays totaling 248.4 kW, LED lighting retrofits, programmable thermostat and HVAC replacements, and one EV charger at two sites. Upon project completion, it is estimated to reduce 439,426 kWh of electricity consumption in the first year, saving approximately \$160,024 in utility costs per year. The simple payback period is 19.6 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 # 009-23-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
Guadalupe Union School District	77-007-0778

D) Title of Project
Guadalupe USD Lighting, Solar Arrays, EV charger and HVAC Installations at Two Sites

## E) Term and Amount

Start Date	End Date	Amount
8/10/2023	2/28/2025	\$3,143,496

## 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:

**Guadalupe Union School District.** Proposed resolution approving agreement 009-23-ECG with Guadalupe Union School District for a \$3,143,496 loan at zero-percent interest and adopting staff's determination this action is exempt from CEQA. The loan will finance two carport solar PV arrays totaling 248.4 kW, LED lighting retrofits, programmable thermostat and HVAC replacements, and one EV charger at two sites. Upon project completion, it is estimated to reduce 439,426 kWh of electricity consumption in the first year, saving approximately \$160,024 in utility costs per year. The simple payback period is 19.6 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, §§ 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- the Mary Buren Elementary School/District Office and Kermit McKenzie Intermediate School. 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 HVAC controls with new controls that will minimize unnecessary HVAC operation. Additionally, at the Mary Buren Elementary/District Office site HVAC units will be replaced with new high efficiency units, and an electric vehicle charger and associated infrastructure will be installed.

The carport solar PV arrays will be installed over existing asphalt and dirt 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 alteration 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



# LOAN REQUEST FORM (LRF)

- 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.	\$ 3,143,496
	\$ 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	\$3,143,496
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&D Program Area: Select Program Area

TOTAL: \$ 3,143,496

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:

### K) Recipient's Contact Information

**1. Recipient's Administrator/Officer**

Name: Emilio Handall  
 Address: 4465 Ninth Street  
 City, State, Zip: Guadalupe, CA 93434  
 Phone: (805) 343-2114  
 E-Mail: ehandall@gusdbobcats.com

**2. Recipient's Project Manager**

Name: Dena Boortz  
 Address: 4465 Ninth Street  
 City, State, Zip: Guadalupe, CA 93434  
 Phone: (805) 343-2114  
 E-Mail: dboortz@gusdbobcats.com

### L) Miscellaneous Agreement Information



STATE OF CALIFORNIA

# LOAN REQUEST FORM (LRF)

CEC-271 (Revised 11/2019)

CALIFORNIA ENERGY COMMISSION

Annual Energy Savings \$160,024

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 Guadalupe Union School District (Borrower) for an energy savings project. The project consists of the energy efficiency and generation measures listed in Table 1 below to be installed at two sites in Guadalupe, CA in Santa Barbara 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>
Mary Buren Elementary School/District Office/MOT: 135 kW-DC Carport Solar PV Array	\$1,045,599	\$1,045,599	\$91,041	11.5
Kermit McKenzie Intermediate School: 113.4 kW-DC Carport Solar PV Array	\$878,850	\$878,850	\$56,927	15.4
Mary Buren Elementary School/District Office/MOT: Retrofit/Install LED Lighting for 38 Fixtures	\$65,972	\$65,972	\$5,510	12.0
Kermit McKenzie Intermediate School: Retrofit/Install LED Lighting for 22 Fixtures	\$24,064	\$24,064	\$1,970	12.2
Mary Buren Elementary School/District Office/MOT: Replace HVAC Controls with 365-Day Internet-Programmable Thermostats	\$34,363	\$34,363	\$1,166	29.5
Kermit McKenzie Intermediate School: Replace HVAC Controls with 365-Day Internet-Programmable Thermostats	\$35,637	\$35,637	\$1,010	35.3

<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>
Mary Buren Elementary School/District Office/MOT: Replace 3 Multizone Gas Heating Units with 18 High Efficiency Inverter-Driven Heat Pumps	\$1,105,000	\$1,004,011	\$0	N/A
Mary Buren Elementary School/District Office/MOT: Level 2 Dual-Port EV Charger	\$55,000	\$55,000	\$2,400	22.9
<b>TOTALS:</b>	<b>\$3,244,485</b>	<b>\$3,143,496</b>	<b>\$160,024</b>	<b>19.6</b>

\*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.