



**CALIFORNIA
ENERGY COMMISSION**



**California Energy Commission
September 11, 2024 Business Meeting
Backup Materials for City of Firebaugh**

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. Scope of Work

[PROPOSED]

RESOLUTION NO: 24-0911-03av

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION: City of Firebaugh

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 005-24-ECI with the City of Firebaugh for a \$550,422 loan at one percent interest. The loan will finance three PV systems totaling 177 kW at three sites. The project is estimated to generate 128,976 kWh of electricity in the first year, saving \$53,735 in utility costs per year. The simple payback period is approximately 10 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 September 11, 2024.

AYE:

NAY:

ABSENT:

ABSTAIN:

Dated:

Kristine Banaag
Secretariat



LOAN REQUEST FORM (LRF)

A. New Agreement Number

IMPORTANT: New Agreement # to be completed by Contracts, Grants, and Loans Office.

New Agreement Number: 005-24-ECI

B. Division Information

1. Division Name: RREDI
2. Agreement Manager: Monica Rudman
3. MS-: 45
4. Phone Number: (916) 707-9787

C. Recipient's Information

1. Recipient's Legal Name: City of Firebaugh
2. Federal ID Number: 94-6000333

D. Title of Project

Title of project: City of Firebaugh ECAA Loan

E. Term and Amount

1. Start Date: 9/11/2024
2. End Date: 8/31/2026
3. Amount: \$550,422

F. Business Meeting Information

1. Are the ARFVTP agreements \$75K and under delegated to Executive Director? No
2. The Proposed Business Meeting Date: September 11, 2024
3. Consent or Discussion? Consent
4. Business Meeting Presenter Name: Monica Rudman
5. Time Needed for Business Meeting: N/A.
6. The email subscription topic is: Efficiency, Decarbonization Topics, and EE Financing

Agenda Item Subject and Description:

City of Firebaugh: Proposed resolution approving agreement 005-24-ECI with the City of Firebaugh for a \$550,422 loan at one percent interest and adopting staff's recommendation that this action is exempt from CEQA. The loan will finance 3 PV systems totaling 177kW at three sites. The project is estimated to generate 128,976 kWh of electricity in the first year, saving \$53,735 in utility costs per year. The simple payback period is approximately 10.2 years. (ECAA funding) Contact: Monica Rudman



G. California Environmental Quality Act (CEQA) Compliance

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

Yes

If yes, skip to question 2.

If no, complete the following (PRC 21065 and 14 CCR 15378) and 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 skip to question 2. Otherwise, provide explanation.

2. If Agreement is considered a "Project" under CEQA answer the following questions.

a) Agreement **IS** exempt?

Statutory Exemption?

Yes

If yes, list PRC and/or CCR section number(s) and separate each with a comma. If no, enter "None" and go to the next question.

PRC section number: Pub. Resources Code § 21080.35

CCR section number:

Categorical Exemption?

Yes

If yes, list CCR section number(s) and separate each with a comma. If no, enter "None" and go to the next question.

CCR section number: Cal. Code Regs., tit. 14, §§ 15301, 15303

The reason why Agreement is exempt under the above section:

This project involves the installation of rooftop solar PV systems at City-owned sites. The rooftop solar PV systems and associated equipment, such as electrical conduits and controls, will be located on the same parcels as the solar PV arrays, will not occupy more than 500 square feet of ground surface at the sites, and the location of the associated equipment will not contain plants protected by the Native Plant Protection Act. The associated equipment will not require any of the permits listed in Public Resources Code section 21080.35 (d).

This project is therefore statutorily exempt from CEQA under Public Resources Code section 21080.35 as the installation of solar energy systems on rooftops. 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, and categorically exempt pursuant to CEQA Guidelines section 15303 as the installation of small new equipment in small structures.

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.

Common Sense Exemption?

No

If yes, explain reason why Agreement is exempt under the above section. If no, enter "Not applicable" and go to the next section.

Not Applicable

b) Agreement **IS NOT** exempt.

IMPORTANT: consult with the legal office to determine next steps.

Enter Yes or No

If yes, answer yes or no to all that applies. If no, list all as "no" and "None" as "yes".

Additional Documents	Applies
Initial Study	Enter Yes or No
Negative Declaration	Enter Yes or No
Mitigated Negative Declaration	Enter Yes or No
Environmental Impact Report	Enter Yes or No
Statement of Overriding Considerations	Enter Yes or No
None	Enter Yes or No

H. Subcontractors

List all Subcontractors listed in the Budget (s) (major and minor). Insert additional rows if needed. If no subcontractors to report, enter "No subcontractors to report" and "0" to funds.

Delete any unused rows from the table

Subcontractor Legal Company Name	Budget
SitelogIQ	\$ 550,422

I. Key Partners

List all key partner(s). Insert additional rows if needed. If no key partners to report, enter "No key partners to report." **Delete** any unused rows from the table.

Key Partner Legal Company Name
SitelogIQ



J. Budget Information

Include all budget information. Insert additional rows if needed. If no budget information to report, enter "N/A" for "Not Applicable" and "0" to Amount. **Delete** any unused rows from the table.

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
ECAA	2022-2023	401.007	\$550,422

TOTAL Amount: \$550,422

RREDI Program Area: ECAA 1%

Explanation for "Other" selection Enter explanation for "Other"

Reimbursement Contract #: Enter Reimbursement Contract Number

Federal Agreement #: Enter Federal Agreement Number

K. Recipient's Contact Information

1. Recipient's Administrator/Officer

Name: Ben Gallegos

Address: 1133 P Street

City, State, Zip: Firebaugh CA 93622

Phone: 559 694-6166

E-Mail: bgallegos@firebaugh.org

2. Recipient's Project Manager

Name: Manuel Aguirre

Address: 1651 Response Road, Suite 300

City, State, Zip: Sacramento, CA, 95815

Phone: 916-642-6470

E-Mail: manuel.aguirre@sitelogiq.com

L. Miscellaneous Agreement Information

Annual Energy Bill Savings: \$53,735

Number of Repay Periods: Leave Blank if Repay is Based on Energy Savings

M. Selection Process Used

There are three types of selection process. List the one used for this GRF.

Selection Process	Additional Information
Competitive Solicitation #	Enter the Solicitation Number or "Not Applicable"



STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION

Loan Request Form
CEC-271 (Revised 10/2023)

First Come First Served Solicitation #	PON-22-001
Other	Enter "Other" selection process used or "Not Applicable".

N. Attached Items

1. List all items that should be attached to this LRF by entering "Yes" or "No".

Item Number	Item Name	Attached
1	Loan Application	Yes
2	Budget Detail	Yes
3	CEC 105, Questionnaire for Identifying Conflicts	Yes
4	Recipient Resolution	Yes
5	CEQA Documentation	Yes

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

This loan is made to the City of Firebaugh (Borrower) for an energy savings project. The project consists of the energy generation measure listed in Table 1 below to be installed at two sites at the City of Firebaugh. The energy efficiency measures will be funded using ECAA loan funds. 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)	GhG Emission Reduction (Metric Tons)
Police Department and Fire Station: Install 67.1 kW PV System	\$407,985	\$407,985	\$39,758	10.3	NA
Veterans of Foreign Wars Building: Install 23.6 kW PV System	\$142,437	\$142,437	\$13,977	10.2	NA
TOTALS:	\$550,422	\$550,422	\$53,735	10.2	22.2

*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.