



**California Energy Commission  
March 13, 2024 Business Meeting  
Backup Materials for City of Arcata**

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 Detail/Project Cost and Savings

**[PROPOSED]**

**RESOLUTION NO: 24-0313-03aii**

**STATE OF CALIFORNIA**

**STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION**

**RESOLUTION: City of Arcata**

**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 006-23-ECI with the City of Arcata for a \$576,356 loan at one percent interest. The loan will finance LED lights and a solar PV system at the Arcata Community Center in Humboldt County. The project is estimated to generate 125,395 kWh and reduce electricity use by 54,659 kWh, saving approximately \$42,341 in utility costs per year. The simple payback period is approximately 13.6 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 March 13, 2024.

AYE:

NAY:

ABSENT:

ABSTAIN:

Dated:

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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:** 006-23-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 Arcata
2. Federal ID Number: 94-2186507

### D. Title of Project

Title of project: City of Arcata ECAA Loan

### E. Term and Amount

1. Start Date: 3/13/2024
2. End Date: 11/1/2025
3. Amount: \$576,356

### F. Business Meeting Information

1. Are the ARFVTP agreements \$75K and under delegated to Executive Director? No
2. The Proposed Business Meeting Date: March 13, 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

#### **Agenda Item Subject and Description:**

City of Arcata. Proposed resolution approving agreement 006-23-ECI with the City of Arcata for a \$576,356 loan at one percent interest and adopting staff's determination that this action is exempt from CEQA. The loan will finance LED lights and a solar PV system at the Arcata Community Center in Humboldt County. The project is estimated to generate 125,395 kWh and reduce electricity use by 54,659 kWh, saving approximately \$42,341 in utility costs per year. The simple payback period is approximately 13.6 years

### 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?

Yes

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: § 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, 15311

This project involves the installation of a rooftop solar PV system and a comprehensive upgrade of interior and exterior lighting to LED lighting at the Arcata Community Center.

The rooftop solar PV system and associated equipment, such as electrical conduits and controls, will be located on the same parcel as the solar PV array, 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 associated equipment will not require any of the permits listed in Public Resources Code section 21080.35 (d).

The installation of the solar PV system is therefore statutorily exempt from CEQA under Public Resources Code section 21080.35 as the installation of a solar energy system on a rooftop. The project as a whole is categorically exempt from environmental review pursuant to CEQA Guidelines section 15301 as minor alterations to an existing facility that involves no expansion of an existing or former use at the site, categorically exempt pursuant to CEQA Guidelines section 15303 as the installation of small new equipment in small structures, and categorically exempt pursuant to CEQA Guidelines section 15311 as construction or replacement of minor structures accessory to an existing 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.

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
No Subcontractor to Report	\$ 0

## 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**

Redwood Coast Energy Authority

**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	\$576,356

**TOTAL Amount:** \$0.00

R&D 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: Karen Diemer

Address: 736 F Street

City, State, Zip: Arcata CA 95521

Phone: 707 825-2262

E-Mail: [kdiemer@cityofarcata.org](mailto:kdiemer@cityofarcata.org)

**2. Recipient's Project Manager**

Name: Emily Benvie

Address: 736 F Street,

City, State, Zip: Arcata CA 95521

Phone: 707 825-2102

E-Mail: [ebenvie@cityofarcata.org](mailto:ebenvie@cityofarcata.org)

**L. Miscellaneous Agreement Information**

Annual Energy Bill Savings: \$42,341

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"
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

#### Approved By

Individuals who approve this form must enter their full name and approval date in the MS Word version.

**Agreement Manager:** Monica Rudman

**Approval Date:** 1/14/2024

**Office Manager:** Office Manager Name

**Approval Date:** Office Manager's Approval Date

**Deputy Director:** Deputy Director Name

**Approval Date:** Deputy Director's Approval Date

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

This Loan is made to the City of Arcata ("Borrower") for an energy savings project. The Project consists of the energy efficiency measures listed in Table 1 below to be installed at Arcata Community Center in the city of Arcata.

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>
109 kW (DC) roof mounted Solar PV array on Arcata Community Center	\$381,000	\$381,000	\$17,923	
Retrofit CFLs and MH fixtures to LED on Arcata Community Center	\$195,356	\$195,356	\$24,418	
<b>TOTALS:</b>	<b>\$576,356</b>	<b>\$576,356</b>	<b>\$42,341</b>	<b>13.6</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.