



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

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: 24-0313-03aiv**

**STATE OF CALIFORNIA**

**STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION**

**RESOLUTION: City of Arvin**

**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-ECI with the City of Arvin for a \$3,000,000 ECAA loan at one percent interest. The loan will finance the installation of a 997.2 kW ground mounted solar PV system. The project is estimated to reduce approximately 1,488,000 kWh of electricity consumption, saving approximately \$233,091 in utility costs per year. The simple payback period is approximately 12.9 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



STATE OF CALIFORNIA

**LOAN REQUEST FORM (LRF)**

CEC-271 (Revised 11/2019)

CALIFORNIA ENERGY COMMISSION

**A) New Agreement # 008-23-ECI (to be completed by CGL office)**

<b>B) Division</b>	<b>Agreement Manager:</b>	<b>MS-</b>	<b>Phone</b>
Reliability, Renewable Energy & Decarbonization Incentives	Sean Lockwood	45	916-891-9074

<b>C) Recipient's Legal Name</b>	<b>Federal ID Number</b>
City of Arvin	95-606602

<b>D) Title of Project</b>
Ground Mounted Solar PV System at City of Arvin's Wastewater Treatment Plant

**E) Term and Amount**

<b>Start Date</b>	<b>End Date</b>	<b>Amount</b>
3/14/2024	9/30/2025	\$3,000,000

**F) Business Meeting Information**

☐ ARFVTP agreements \$75K and under delegated to Executive Director

Proposed Business Meeting Date: 3/13/2024 ☒ 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:**

City of Arvin. Proposed resolution approving agreement 008-23-ECI with the City of Arvin for a \$3,000,000 ECAA loan at one percent interest and adopting staff's determination that this action is exempt from CEQA. The loan will finance the installation of a 997.2 kW ground mounted solar PV system. The project is estimated to reduce approximately 1,488,000 kWh of electricity consumption, saving approximately \$233,091 in utility costs per year. The simple payback period is approximately 12.9 years.(ECAA 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

☒ 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:

**LOAN REQUEST FORM (LRF)**

This project will install a 997.2 kW-DC ground mounted solar PV system at the City of Arvin's wastewater treatment plant. The ground mounted solar PV arrays will be installed over previously disturbed land. Some trenching will be required to run conduit to the existing utility meter and to install structural posts for the solar PV system. The project involves no expansion of existing or former use at the site.

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 site, 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 an existing industrial 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.

- b) ☐ Agreement **IS NOT** exempt. (consult with the legal office to determine next steps)

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)

<b>Legal Company Name:</b>	<b>Budget</b>
Veolia North America	\$ 3,000,000.00
	\$ 0.00
	\$ 0.00



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**I) List all key partners: (attach additional sheets as necessary)**

<b>Legal Company Name:</b>

**J) Budget Information**

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
ECAA	2023-2024	401.007	\$3,000,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&amp;D Program Area: Select Program Area

TOTAL: \$3,000,000

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:

**K) Recipient's Contact Information****1. Recipient's Administrator/Officer**

Name: Jeff Jones

Address: 200 Campus Drive

City, State, Zip: Arvin, CA 93203

Phone: (661) 854-3134

E-Mail: jeffjones@arvin.org

**2. Recipient's Project Manager**

Name: Jeff Jones

Address: 200 Campus Drive

City, State, Zip: Arvin, CA 93203

Phone: (661) 854-3134

E-Mail: jeffjones@arvin.org

**L) Miscellaneous Agreement Information**☒ Annual Energy Savings \$233,091☐ 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-22-002**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



STATE OF CALIFORNIA  
**LOAN REQUEST FORM (LRF)**  
CEC-271 (Revised 11/2019)

CALIFORNIA ENERGY COMMISSION

\_\_\_\_\_  
**Office Manager**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Deputy Director**

\_\_\_\_\_  
**Date**

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

This loan is made to the City of Arvin (Borrower) for an energy savings project. The project consists of the energy generation measures listed in Table 1 below to be installed at one site in Arvin, CA in Kern 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>
Wastewater Treatment Plant: Install 997.2 kW-DC ground mounted solar PV system	\$3,900,000	\$3,000,000	\$233,091	12.9
Wastewater Treatment Plant: PG&E Utility Side Service Upgrade	\$385,714	\$0	\$0	N/A
<b>TOTALS:</b>	<b>\$4,285,714</b>	<b>\$3,000,000</b>	<b>\$233,091</b>	<b>12.9</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 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.