



**California Energy Commission  
September 11, 2024 Business Meeting  
Backup Materials for Forestville Water 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. Scope of Work

**[PROPOSED]**

**RESOLUTION NO: 24-0911-03ai**

**STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION**

**RESOLUTION: Forestville Water 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 001-24-ECI with Forestville Water District for a \$1,570,141 loan at one percent interest. The loan will finance a 270 kW floating solar photovoltaic (PV) system at a sewer plant and LED lighting retrofits at two sites. The project is estimated to reduce yearly electricity use by about 405,367 kWh, saving \$104,780 in utility costs per year. The simple payback period is approximately 15 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:** 001-24-ECI

### B. Division Information

1. **Division Name:** Reliability, Renewable Energy and Decarbonization Incentives
2. **Agreement Manager:** Sean Lockwood
3. **MS-:** 45
4. **Phone Number:** 916-891-9074

### C. Recipient's Information

1. **Recipient's Legal Name:** Forestville Water District
2. **Federal ID Number:** 94-151734

### D. Title of Project

Title of Project: Floating Solar PV System and Lighting Retrofit at Forestville Sewer Plant and District Office

### E. Term and Amount

1. **Start Date:** 09/12/2024
2. **End Date:** 03/31/2026
3. **Amount:** \$1,570,141

### F. Business Meeting Information

1. Are the ARFVTP agreements \$75K and under delegated to Executive Director? No
2. The Proposed Business Meeting Date: 9/11/2024
3. Consent or Discussion? Consent
4. Business Meeting Presenter Name: N/A
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:**

Forestville Water District. Proposed resolution approving agreement 001-24-ECI with Forestville Water District for a \$1,570,141 loan at one percent interest and adopting staff's determination that this action is exempt from CEQA. The loan will finance a 270 kW floating solar photovoltaic (PV) system at Forestville Water District's sewer plant and LED lighting retrofits at two sites. The project is estimated to reduce 405,367 kWh of electricity consumption in the first year, saving \$104,780 in utility costs per year. (ECAA Funding) Contact: Sean Lockwood.

### 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? No

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:

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, 15304, 15311

Common Sense Exemption? 14 CCR 15061 (b) (3) No

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

This project consists of the installation or replacement of new small equipment at existing Forestville Water District sites involving negligible or no expansion of existing or former use at the sites. Specifically, this project will install a floating solar photovoltaic (PV) system at one site and will replace existing interior and exterior lighting with high efficiency LED lighting at two sites.

The floating solar PV array will be installed in a treatment pond at the District's sewer plant. The water in the pond is recycled water used for irrigation purposes. The floating array will not degrade the quality of the water being distributed and will instead help reduce sunlight penetration to the pond that would otherwise promote algae and increase water turbidity. Some trenching will be required to run conduit to the existing utility meter and to install structural posts for the solar PV system. No trees will be removed as part of this project.

The project is therefore 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 construction and location of limited numbers of new, small structures and installation of small new equipment, categorically exempt pursuant to CEQA Guidelines section 15304 as minor alterations to land that do not involve the removal of healthy, mature, scenic trees, and categorically exempt pursuant to CEQA Guidelines section 15311 as construction of minor structures accessory to an existing commercial or 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.

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

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	No
Negative Declaration	No
Mitigated Negative Declaration	No
Environmental Impact Report	No
Statement of Overriding Considerations	No
Notice of Exemption	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	\$ 1,570,141

### 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
No Key Partner Legal Company to report

### 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	2024-2025	401.007	\$1,570,141

ECAA Program Area: ECAA Regular

**K. Recipient’s Contact Information**

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

Name: Dawn Leith  
Address: 6530 Mirabel Road  
City, State, Zip: Forestville, CA 95436  
Phone: 707-887-1551  
E-Mail: dleith@forestvillewd.com

**2. Recipient’s Project Manager**

Name: Chad Davisson  
Address: 6530 Mirabel Road  
City, State, Zip: Forestville, CA 95436  
Phone: 707-887-1551  
E-Mail: cdavisson@forestvillewd.com

**L. Miscellaneous Agreement Information**

Annual Energy Bill Dollar Savings: \$104,780  
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 #	N/A
First Come First Served Solicitation #	PON-22-002
Other	N/A

**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

**Agreement Manager:** Sean Lockwood

**Approval Date:** 6/19/24

**Office Manager:** *Jonathan Fong*

**Approval Date:** 8/2/2024

**Deputy Director:** *Jennifer Nelson*

**Approval Date:** 8/19/2024

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

This loan is made to Forestville Water District (Borrower) for an energy savings project. The project consists of the energy generation and efficiency measures listed in Table 1 below to be installed at two sites in Forestville, CA in Sonoma 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:**

Energy Efficiency Measures	Estimated Total Project Cost	Energy Commission Loan	Estimated Annual Energy Cost Savings	Simple Payback* (Years)
Forestville Sewer Plant: 270 kW Floating Solar PV System	\$1,546,174	\$1,546,174	\$103,139	15.0
Forestville Sewer Plant: LED Lighting Retrofit	\$16,886	\$16,886	\$1,392	12.1
Forestville District Office: LED Lighting Retrofit	\$7,081	\$7,081	\$249	28.4
<b>TOTALS:</b>	<b>\$1,570,141</b>	<b>\$1,570,141</b>	<b>\$104,780</b>	<b>15.0</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.