

LOAN AMENDMENT REQUEST FORM (LARF)

CEC-278 (Revised 10/2015)

CALIFORNIA ENERGY COMMISSION



Original Agreement #	004-16-ECD		1
400 Efficiency Renewable Energy Division	Shahid Chaudhry	23	916-654-4858
Amador Water Agency	68-0029577		

<input checked="" type="checkbox"/> Term Extension	New End Date: 12 / 31 / 2019	Include revised schedule and complete items A, B, C, & F below.
<input checked="" type="checkbox"/> Budget Augmentation	Amendment Amount: \$ 2,021,198.00	Include revised budget and complete items A, B, C, D, & F below.
<input type="checkbox"/> Budget Reallocation		Include revised budget and complete items A, B, C, & F below.
<input type="checkbox"/> Scope of Work Revision		Include revised scope of work and complete items A, B, C, E, & F below.
<input type="checkbox"/> Change in Project Location or Demonstration Site		Include revised scope of work and complete items A, B, C, E, & F below.
<input type="checkbox"/> Novation/Name Change of Prime Contractor/Recipient		Include novation documentation and complete items A, B, C, & F below.
<input type="checkbox"/> Terms and Conditions Modification		Include applicable exhibits with bold/underline/strikeout and complete items A, B, C, & F below.

Business Meeting approval is not required for the following types of Agreements:

<input type="checkbox"/> Minor amendments delegated to Executive Director per December 2013 Resolution			
Proposed Business Meeting Date	11 / 07 / 2018	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Shahid Chaudhry	Time Needed:	5 minutes

Please select one list serve. Financing (Energy Efficiency Financing)

Agenda Item Subject and Description

Amador Water Agency. Proposed resolution adopting California Environmental Quality Act findings for Amador Water Agency's Installation of 440 kW In-Conduit Hydroelectric Project, and approving amendment to Agreement 004-16-ECD with Amador Water Agency. (ECAA funding) Contact: Shahid Chaudhry. (Staff presentation: 5 minutes)

a. CALIFORNIA ENVIRONMENTAL QUALITY ACT FINDINGS. Findings that, based on the lead agency Amador Water Agency's Initial Study and Mitigated Negative Declaration, the work under the proposed project, including one-year time extension, presents no new significant or substantially more severe environmental impacts beyond those already considered and mitigated.

b. AMADOR WATER AGENCY'S INSTALLATION OF 440 kW IN-CONDUIT HYDROELECTRIC PROJECT. Amending Agreement No: 004-16-ECD with Amador Water Agency to extend the agreement end date to December 31, 2019 and to augment \$549,198 to an existing \$1,472,000 loan at one percent interest to the Amador Water Agency (Agency) for installing a 440 kW pelton turbine at a water transfer pipeline between two reservoirs. Upon completion, the project will reduce about 1,351,000 kWh of grid electricity consumption annually saving the Agency about \$129,000 in utility costs. Based on the revised loan amount of \$2,021,198 the simple payback is 15.7 years.

Legal Company Name:	Budget
	\$ 0.00
	\$ 0.00
	\$ 0.00

Legal Company Name:

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**D) Budget Information (only include amendment amount information)**

Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ECAA	2016	401.007D	\$2,021,198.00
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$
R&D Program Area: Select Program Area			\$ 0
Explanation for "Other" selection			
Reimbursement Contract #:		Federal Agreement #:	

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. (Attach draft NOE)
☐ Statutory Exemption. List PRC and/or CCR section number: _____
☐ Categorical Exemption. List CCR section number: _____
☐ Common Sense Exemption. 14 CCR 15061 (b) (3)
 Explain reason why Agreement is exempt under the above section: _____
- ☒ b) Agreement **IS NOT** exempt. (Consult with the legal office to determine next steps.)
 Check all that apply
☒ Initial Study ☐ Environmental Impact Report
☐ Negative Declaration ☐ Statement of Overriding Considerations
☒ Mitigated Negative Declaration

- | | | |
|---|---|--|
| 1. Exhibit A, Scope of Work | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 2. Exhibit B, Budget Detail | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 3. CEQA Documentation | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 4. Novation Documentation | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 5. CEC 105, Questionnaire for Identifying Conflicts | | <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 Amador Water Agency (“*Borrower*”) for renewable energy project in Amador County. The project consists of installing a 440 kW pelton turbine at a water transfer pipeline at the Borrower’s site listed in Table 1.

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:
Amador Water Agency***

Project	Revised Project Cost (\$)	Annual Electric Savings (kWh)	Annual Energy Cost Savings (\$)	CEC Loan Amount (\$)	Simple Payback* (years)	Project Effective Useful Life (years)**
Hydroelectric Project at Amador Water Agency’s Lone Reservoir	\$2,953,795	1,351,000	\$129,000	\$2,021,198	15.7	17
TOTAL	\$2,953,795	1,351,000	\$129,000	\$2,021,198	15.7	17

* The simple payback is based on the loan amount divided by annual energy cost savings.

** Effective useful life (EUL) considered is lesser of estimated EUL or 17.

The Borrower shall implement measure listed in Table 1.

If Borrower does not complete one or more of the measures or deviates from the quantities and specifications listed in Table 1, the Energy Commission 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.

A letter of agreement or loan amendment may be necessary to document these changes, at the discretion of the Energy Commission.

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.

RESOLUTION NO: 18-1107-16

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION - RE: AMADOR WATER AGENCY

WHEREAS, Amador Water Agency has requested to amend Agreement 004-16-ECD, a grant Agreement between the State Energy Resources Conservation and Development Commission (hereafter, "Energy Commission") and Amador Water Agency to install a pelton turbine at a water transfer pipeline between two reservoirs (hereafter, "Project"); and

WHEREAS, Amador Water Agency is the lead agency pursuant to California Environmental Quality Act (hereafter, "CEQA") (Pub. Resources Code section 21000 et seq.) and the State CEQA Guidelines (Cal. Code Regs., tit. 14, section 15000 et seq.); and

WHEREAS, Amador Water Agency prepared an Initial Study to determine the possible environmental impacts of the Project; and on the basis of the Initial Study, prepared a Mitigated Negative Declaration (hereafter, "MND"); and

WHEREAS, Amador Water Agency considered the Initial Study, MND and other related documents in the record before it, and on September 22, 2016 approved and adopted the MND; and

WHEREAS, the Energy Commission is the responsible agency pursuant to State CEQA Guidelines sections 15091 and 15096, subdivision (h); and

WHEREAS, the Energy Commission used its own independent judgment to consider the Initial Study, MND and other related documents in the record before it, and on May 10, 2017 made certain CEQA findings and approved 004-16-ECD; and

WHEREAS, the Energy Commission, must make certain CEQA findings prior to approval of the amendment to 004-16-ECD.

THEREFORE BE IT RESOLVED, that the Energy Commission finds, on the basis of the entire record before it, that since the MND was adopted by Amador Water Agency, there have been no substantial changes to the Project and no substantial changes in Project circumstances that would require major revisions to the MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant impacts, and there is no new information of substantial importance that would change the conclusions set forth in the MND nor has the Energy Commission identified any feasible alternative or additional feasible mitigation measures within its powers that would substantially lessen or avoid any significant effect approving the amendment to 004-16-ECD would have on the environment; and

FURTHER BE IT RESOLVED, Amador Water Agency has already adopted the mitigation measures recommended in the MND and as set forth in the Mitigation Monitoring and Reporting Program, has authority to implement the mitigation measures, or to seek any required approvals for the mitigation measures, and such measures are within the responsibility of Amador Water Agency and that the Energy Commission finds, on the basis of the entire record before it, that the mitigation measures incorporated in the MND will eliminate or mitigate the environmental impacts of the Project, including any impacts of approving the amendment to 004-16-ECD, to less than significant levels; and

FURTHER BE IT RESOLVED, that the Energy Commission approves Amendment 1 to Agreement 004-16-ECD with Amador Water Agency to extend the agreement end date to December 31, 2019 and to augment \$549,198 to an existing \$1,472,000 loan at one percent interest to the Amador Water Agency (Agency) for installing a 440 kW pelton turbine at a water transfer pipeline between two reservoirs. Upon completion, the Project will reduce about 1,351,000 kWh of grid electricity consumption annually saving the Agency about \$129,000 in utility costs. Based on the revised loan amount of \$2,021,198 the simple payback is 15.7 years; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the Energy Commission.

CERTIFICATION

The undersigned Secretariat to the Commission 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 California Energy Commission held on November 7, 2018.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Cody Goldthrite,
Secretariat