

LOAN REQUEST FORM (LRF)

CEC-271 (Revised 10/2015)

CALIFORNIA ENERGY COMMISSION

New Agreement 003-18-ECD (To be completed by CGL Office)

400 Efficiency Division	Nelson Peña	23	916-654-4860
City of Placerville		94-6000396	
City of Placerville			
3 / 13 / 2019	3 / 13 / 2020	\$ 784,112	

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

Proposed Business Meeting Date	03 / 12 / 2019	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
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Business Meeting Presenter	Nelson Peña	Time Needed:	5 minutes
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Please select one list serve. Financing (Energy Efficiency Financing)

Agenda Item Subject and Description

Proposed resolution approving Agreement 003-18-ECD with City of Placerville for a \$784,112 loan for seven energy measures including replacement of interior and exterior lighting, lighting controls, and HVAC units with more energy efficient units, and adopting staff's determination that this action is exempt from the California Environmental Quality Act. The project is estimated to save the city 320,835.53 kWh of electricity, resulting in annual energy cost savings of \$60,017. The simple combined average payback on the loan amount is approximately 13.1 years. (ECA funding)

Contact: Nelson Peña (Staff presentation: 5 minutes)

- 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 .
- 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 Cal. Code Regs., tit. 14, §§ 15301, 15302 section number:
 - ☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why Agreement is exempt under the above section:

This project will upgrade interior and exterior lighting, upgrade lighting controls, and replace existing HVAC units with more energy efficient units at existing facilities owned by the City of Placerville. This project is categorically exempt from environmental review pursuant to CEQA Guidelines Sections 15301 as minor alterations to existing facilities and Section 15302 as the replacement or reconstruction of existing structures that have substantially the same purpose and capacity as the structure replaced.
 - ☐ b) Agreement **IS NOT** exempt. (Consult with the legal office to determine next steps.)

Check all that apply

<input type="checkbox"/> Initial Study	<input type="checkbox"/> Environmental Impact Report
<input type="checkbox"/> Negative Declaration	<input type="checkbox"/> Statement of Overriding Considerations
<input type="checkbox"/> Mitigated Negative Declaration	

Legal Company Name:	Budget
Johnson Control Inc.	\$ 784,112
	\$ 0
	\$ 0

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Legal Company Name:

Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ECAA	2018-2019	003-18-ECD	\$784,112
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$
R&D Program Area: Select Program Area			\$784,112
Explanation for "Other" selection			
Reimbursement Contract #:		Federal Agreement #:	

Name:	Cleve Morris			Name:	Cleve Morris		
Address:	3101 Center St.			Address:	3101 Center St.		
City, State, Zip:	Placerville, CA 95667			City, State, Zip:	Placerville, CA 95667		
Phone:	530-642-5200	Fax:	- -	Phone:	530-642-5200	Fax:	- -
E-Mail:				E-Mail:			

1. Annual Energy Savings	\$60,017
2. Number of Repay Periods:	Leave blank if repay is based on energy savings

<input type="checkbox"/> Competitive Solicitation <input checked="" type="checkbox"/> First Come First Served Solicitation	Solicitation #: PON-17-401

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 checked="" type="checkbox"/> N/A <input 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 **City of Placerville** for renewable energy projects. The projects consist of the renewable energy measures listed in Table 1 below to be installed at the sites indicated.

This table summarizes the estimated project cost(s), saving(s) and simple payback(s)* for the project.

Table 1: List of Energy Measures and Estimated Energy Savings

Measures	CEC Loan Amount (\$)*	Simple Payback (years)**	Annual Electric Savings (kWh)	Annual Energy Cost Savings (\$)	Measure Cost Savings over EUL (\$)	EUL ***
Lighting Interior and Exterior at WWTP	183,486	13.4	119,816.63	13,657.90	204,868.49	15
Interior Lighting Retrofit	57,388	7.0	31,608.12	8,190.59	122,858.87	15
Exterior Lighting Retrofit	148,300	15.3	56,323.39	9,714.59	145,718.86	15
Parking Garage Lighting Controls	19,195	1.7	58,793.62	11,524.14	92,193.09	8
Replace HVAC-30.5 Ton City Hall	168,918	24.0	23,984.46	7,032.50	105,487.50	15
Replace HVAC-22.5 Ton Old Town Hall	120,655	23.2	17,061.41	5,200.32	78,004.75	15
Replace HVAC-13 Ton Public Safety	86,170	18.3	13,247.90	4,697.40	70,460.96	15
Total	\$784,112	13.1	320,835.53	\$60,017.43	\$819,592.52	

* These values include a substantial amount of labor used to access and replace the HVAC equipment which includes; project management, closing street permits and crane services.

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

*** EUL considered for 1% loans will be lesser of actual EUL or 17 Years.

The Energy Commission staff has determined that the City of Placerville loan application is technically feasible and meets the requirements for an ECAA one percent loan and has a simple payback of 13.1 years. EULs will be the lesser of the EUL stated in the application or 17 years to allow for repayment of principal and interest within 20 years.

The borrower shall implement only measures listed in Table 1. If borrower does not complete the measures or deviates from the quantities and specifications listed in Table 1, 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.

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION - RE: CITY OF PLACERVILLE

RESOLVED, that the State Energy Resources Conservation and Development Commission (Energy Commission) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

RESOLVED, that the Energy Commission approves Agreement 003-18-ECD with City of Placerville for \$784,112 loan for seven energy measures including replacement of interior and exterior lighting, lighting controls, and HVAC units with more energy efficient units, and adopting staff's determination that this action is exempt from the California Environmental Quality Act. The project is estimated to save the city 320,835.53 kWh of electricity, resulting in annual energy cost savings of \$60,017. The simple combined average payback on the loan amount is approximately 13.1 years and meets the 17 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 March 12, 2019.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Cody Goldthrite,
Secretariat