

GRANT/LOAN AMENDMENT

CEC-140 (Revised 9/11)

CALIFORNIA ENERGY COMMISSION


 Check here if additional pages are attached. _____ Pages

AGREEMENT NUMBER:

002-21-ECI

AMENDMENT NUMBER:

2

1. This Agreement is entered into between the State Agency and the Recipient named below:

STATE AGENCY'S NAME

State Energy Resources Conservation and Development Commission

RECIPIENT'S NAME

City of Eureka

2. The term of this Agreement: From: 02/16/2022 To: 08/31/20243. The maximum amount of this Agreement after this amendment is: \$ \$1,442,677 (\$ 50,000 Amendment)

4. The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:

The purpose of this amendment is a loan amount increase of \$50,000. Agreement 002-21-ECI, approved by the Energy Commission on March 3, 2022 and amended on June 13, 2023, is amended as follows:

- Exhibit A, Attachment 1 Budget Detail/Project Cost and Savings (2 pages) is attached and replaces the previously approved Exhibit A, Attachment 1 Budget Detail/Project Cost and Savings in its entirety
- Exhibit B, Attachment 1 Estimated Amortization Schedule (1 page) is attached and replaces the previously approved Exhibit B – Attachment 1 Estimated Amortization Schedule in its entirety
- Exhibit C Contact List (1 page) is attached and replaces the previously approved Exhibit C Contact List in its entirety

RECIPIENT

RECIPIENT'S NAME (If other than an individual, state whether a corporation, partnership, etc)

BY (Authorized Signature)

NAME AND TITLE OF PERSON SIGNING

Brian Gerving

ADDRESS

DATE SIGNED (Do not type)

1/31/2024

STATE OF CALIFORNIA

AGENCY NAME

State Energy Resources Conservation and Development Commission

BY (Authorized Signature)

NAME AND TITLE OF PERSON SIGNING

Adrienne Winuk, Contracts, Grants, and Loans Office Manager

ADDRESS

715 P Street, MS-18
Sacramento, CA 95814-5512

DATE SIGNED (Do not type)

1/31/2024

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

This loan is made to the City of Eureka (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 the high tank site and water treatment plant at the City of Eureka.

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)
High Tank Site: 78 kW Roof, Ground and Carport Mounted Solar Array	\$255,500	\$195,177	\$11,481	22.3
Water Treatment Plant: 340 kW Roof Mounted Solar Array	\$1,190,000 \$1,240,000	\$1,190,000 \$1,240,000	\$82,567	14.4 15.0
Water Treatment Plant: Retrofit 50 T8 florescent fixtures with LED lamps and drivers	\$7,500	\$7,500	\$922	8.1
TOTALS:	\$1,453,000 \$1,503,000	\$1,392,677 \$1,442,677	\$94,970	14.7 15.2

*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.



State of California

Energy Resources Conservation
and Development Commission

715 P Street

Sacramento, California 95814-5512

Exhibit B-Attachment 1 Estimated Amortization Schedule

Loan Number: 002-21-ECI-2	Number of Payments: 34
Recipient: City of Eureka	Estimated Disbursement Date: 8/31/2024
Loan Amount: \$50,000.00	Estimated Project Completion Date: 8/31/2024
Interest Rate: 1.00 %	Annual Energy Savings: \$94,970.00

Transaction Date	Payment Number	Invoice Number	Receipt Number	Disbursement Amount	Billing Invoice Interest Amount	Repay Principal Amount	Repay Interest Amount	Unscheduled Principal Amount	Unscheduled Interest Amount
08/07/2023		3	39434	\$47,582.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
05/08/2023		2	38077	\$27,403.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10/11/2022		1	35718	\$6,874.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Trans #	Payment Date	Accrued Interest	Payment Amount	Interest Payment	Principal Payment	Principal Balance
Disbursement 1	8/31/2023	\$0.00	(\$1,442,677.00)	\$0.00	(\$1,442,677.00)	\$1,442,677.00
Payment 1	12/22/2025	\$33,359.44	\$47,082.38	\$33,359.44	\$13,722.94	\$1,428,954.06
Payment 2	6/22/2026	\$7,125.20	\$47,082.38	\$7,125.20	\$39,957.18	\$1,388,996.87
Payment 3	12/22/2026	\$6,964.01	\$47,082.38	\$6,964.01	\$40,118.37	\$1,348,878.50
Payment 4	6/22/2027	\$6,725.91	\$47,082.38	\$6,725.91	\$40,356.47	\$1,308,522.04
Payment 5	12/22/2027	\$6,560.54	\$47,082.38	\$6,560.54	\$40,521.84	\$1,268,000.19
Payment 6	6/22/2028	\$6,357.37	\$47,082.38	\$6,357.37	\$40,725.01	\$1,227,275.18
Payment 7	12/22/2028	\$6,153.19	\$47,082.38	\$6,153.19	\$40,929.19	\$1,186,345.99
Payment 8	6/22/2029	\$5,915.48	\$47,082.38	\$5,915.48	\$41,166.90	\$1,145,179.09
Payment 9	12/22/2029	\$5,741.58	\$47,082.38	\$5,741.58	\$41,340.80	\$1,103,838.29
Payment 10	6/22/2030	\$5,504.07	\$47,082.38	\$5,504.07	\$41,578.31	\$1,062,259.98
Payment 11	12/22/2030	\$5,325.85	\$47,082.38	\$5,325.85	\$41,756.53	\$1,020,503.45
Payment 12	6/22/2031	\$5,088.54	\$47,082.38	\$5,088.54	\$41,993.84	\$978,509.61
Payment 13	12/22/2031	\$4,905.95	\$47,082.38	\$4,905.95	\$42,176.43	\$936,333.18
Payment 14	6/22/2032	\$4,694.49	\$47,082.38	\$4,694.49	\$42,387.89	\$893,945.30
Payment 15	12/22/2032	\$4,481.97	\$47,082.38	\$4,481.97	\$42,600.41	\$851,344.89
Payment 16	6/22/2033	\$4,245.06	\$47,082.38	\$4,245.06	\$42,837.32	\$808,507.57
Payment 17	12/22/2033	\$4,053.61	\$47,082.38	\$4,053.61	\$43,028.77	\$765,478.80
Payment 18	6/22/2034	\$3,816.91	\$47,082.38	\$3,816.91	\$43,265.47	\$722,213.33
Payment 19	12/22/2034	\$3,620.96	\$47,082.38	\$3,620.96	\$43,461.42	\$678,751.91
Payment 20	6/22/2035	\$3,384.46	\$47,082.38	\$3,384.46	\$43,697.92	\$635,053.99
Payment 21	12/22/2035	\$3,183.97	\$47,082.38	\$3,183.97	\$43,898.41	\$591,155.58
Payment 22	6/22/2036	\$2,963.88	\$47,082.38	\$2,963.88	\$44,118.50	\$547,037.08
Payment 23	12/22/2036	\$2,742.68	\$47,082.38	\$2,742.68	\$44,339.70	\$502,697.38
Payment 24	6/22/2037	\$2,506.60	\$47,082.38	\$2,506.60	\$44,575.78	\$458,121.60



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Payment 25	12/22/2037	\$2,296.88	\$47,082.38	\$2,296.88	\$44,785.50	\$413,336.10
Payment 26	6/22/2038	\$2,061.02	\$47,082.38	\$2,061.02	\$45,021.36	\$368,314.74
Payment 27	12/22/2038	\$1,846.62	\$47,082.38	\$1,846.62	\$45,235.76	\$323,078.98
Payment 28	6/22/2039	\$1,610.97	\$47,082.38	\$1,610.97	\$45,471.41	\$277,607.57
Payment 29	12/22/2039	\$1,391.84	\$47,082.38	\$1,391.84	\$45,690.54	\$231,917.03
Payment 30	6/22/2040	\$1,162.76	\$47,082.38	\$1,162.76	\$45,919.62	\$185,997.41
Payment 31	12/22/2040	\$932.53	\$47,082.38	\$932.53	\$46,149.85	\$139,847.57
Payment 32	6/22/2041	\$697.32	\$47,082.38	\$697.32	\$46,385.06	\$93,462.51
Payment 33	12/22/2041	\$468.59	\$47,082.38	\$468.59	\$46,613.79	\$46,848.72
Payment 34	6/22/2042	\$233.60	\$47,082.32	\$233.60	\$46,848.72	\$0.00

**Exhibit C
CONTACTS**

<p>Commission Agreement Manager:</p> <p>Sean Lockwood California Energy Commission 1516 Ninth Street, MS-23 Sacramento, CA 95814 Phone: (916) 891-9074 Fax: (916) 657-4368 e-mail: sean.lockwood@energy.ca.gov</p>	<p>Borrower Project Manager:</p> <p>City of Eureka Kelly Allen 531 K Street Eureka, CA 95501 Phone: (707) 268-5253 Fax: e-mail: kallen@ci.eureka.ca.gov</p>
<p>Energy Commission Loan Officer:</p> <p>California Energy Commission Contracts, Grants, and Loans Officer 715 P Street Sacramento, CA 95814 e-mail: @energy.ca.gov</p>	<p>Borrower Administrator:</p> <p>City of Eureka Pam Long 531 K Street Eureka, CA 95501 Phone: (707) 441-4194 Fax: e-mail: ppowell@ci.eureka.ca.gov</p>
<p>Invoices, Progress Reports and Non-Confidential Deliverables to:</p> <p>California Energy Commission Accounting Officer Email PDF invoices and reports to invoices@energy.ca.gov</p>	<p>Borrower Accounting Officer:</p> <p>City of Eureka Lane Millar 531 K Street Eureka, CA 95501 Phone: (707) 441-4379 Fax: e-mail: lmillar@ci.eureka.ca.gov</p>
<p>Legal Notices:</p> <p>Grants and Loans Office Manager Gordon Kashiwagi 715 P Street, MS-18 Sacramento, CA 95814 Phone: (916) 891-8527 e-mail: Gordon.Kashiwagi@energy.ca.gov</p>	<p>Other:</p> <p>DocuSign: Brian Gerving bgerving@eurekaca.gov</p>