



**California Energy Commission
February 12, 2025 Business Meeting
Backup Materials for Lemon Grove School 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. Budget Detail/Project Cost and Savings

[PROPOSED]

RESOLUTION NO: 25-212-03a

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION: Lemon Grove School 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 002-24-ECG with Lemon Grove School District for a \$5,000,000 zero-percent interest loan. The loan will finance a 458.5 kW carport solar photovoltaic (PV) array, a 60 kilowatt(kW)/258 (kilowatt-hour) kWh battery energy storage system, light emitting diode (LED) lighting and electric vehicle (EV) chargers at three sites in San Diego County. The project is estimated to reduce 835,503 kWh of electricity consumption, saving \$347,311 in utility costs per year; 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 February 12, 2025.

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: 002-24-ECG

B. Division Information

1. Division Name: Reliability, Renewable Energy and Decarbonization Incentives
2. Agreement Manager: Stephen Banister
3. MS:45
4. Phone Number: 279-250-8804

C. Recipient's Information

1. Recipient's Legal Name: Lemon Grove School District
2. Federal ID Number: 95-6000944

D. Title of Project

Title of Project: Lemon Grove Lighting, Solar, Battery Energy Storage and EV Charging Project

E. Term and Amount

1. Start Date: 02/13/2025
2. End Date: 8/31/2026
3. Amount: \$5,000,000

F. Business Meeting Information

1. Are the ARFVTP agreements \$75K and under delegated to Executive Director? No
2. The Proposed Business Meeting Date: 2/12/2025
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: Energy Efficiency Financing, Efficiency Topics, Decarbonization Topics

Agenda Item Subject and Description:

Lemon Grove School District. Proposed resolution approving agreement 002-24-ECG with Lemon Grove School District for a \$5,000,000 zero-percent interest loan, and adopting staff's recommendation that this action is exempt from the California Energy Quality Act (CEQA). The loan will finance a 458.5 kW carport solar photovoltaic (PV) array, a 60 kilowatt(kW)/258 (kilowatt-hour) kWh battery energy storage system, light emitting diode (LED) lighting and electric vehicle (EV) chargers at three sites in San Diego County. The project is estimated to reduce 835,503 kWh of electricity consumption, saving \$347,311 in utility costs per year. (ECAA-Ed Funding) Contact: Stephen Banister

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: Pub. Resources Code § 21080.35

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, 15314

Common Sense Exemption? 14 CCR 15061 (b) (3)

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 of a carport solar photovoltaic (PV) system and associated equipment with a battery energy storage system, a comprehensive interior and exterior lighting retrofit upgrade to LED lighting, and installation of three EV chargers and associated equipment. All installations and retrofits will occur at existing schools.

The carport solar PV arrays will be installed over existing asphalt and dirt. The battery storage system will be installed in a grass area close to the interconnection point with the utility meter. A concrete slab will be poured for the battery storage system. One level 3 and two level 2 EV chargers and associated equipment will be installed at an existing parking lot. The project will require some trenching to run conduit to the existing utility meters at the sites and to install the EV chargers and the structural posts for the solar PV system.

The project as a whole is categorically exempt from environmental review pursuant to CEQA Guidelines section 15301 as the minor alteration of existing facilities involving negligible or no expansion of existing or former use, 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, categorically exempt pursuant to CEQA Guidelines section 15311 as construction of structures accessory to existing institutional facilities, and categorically exempt pursuant to CEQA Guidelines section 15314 as minor additions to schools within existing school grounds where the addition does not increase original student capacity. 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
No Subcontractor Legal Company to report	

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-Ed	2024-2025	401.039	\$5,000,000

ECAA Program Area: ECAA-Ed

K. Recipient's Contact Information

1. Recipient's Administrator/Officer

Name: Marianna Vinson
Address: 8025 Lincoln Street
City, State, Zip: Lemon Grove, CA 91945
Phone: (951) 205-3627
E-Mail: mvinson@lemongrovesd.net

2. Recipient's Project Manager

Name: Tiana Barton
Address: 8025 Lincoln Street
City, State, Zip: Lemon Grove, CA 91945
Phone: (619) 825-5600
E-Mail: tbarton@lemongrovesd.net

L. Miscellaneous Agreement Information

Annual Energy Bill Dollar Savings: \$347,311
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-22-001
Other	N/A

N. Attached Items

1. List all items that should be attached to this LRF by entering "Yes" or "No".



STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION

Loan Request Form
CEC-271 (Revised 6/2024)

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: 11/19/2024

Branch Manager: Jonathan Fong

Approval Date: 12/17/2024

Deputy Director: Jennifer Nelson

Approval Date: 12/31/2024

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

This loan is made to the Lemon Grove School District (Borrower) for an energy efficiency project. The project consists of the energy generation, energy efficiency, energy storage, and electric vehicle charging measures listed in Table 1 below to be installed at three sites in Lemon Grove, CA in San Diego 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)	GHG Emissions Reduction (Metric Tons of CO2)
Lemon Grove Academy Elementary/Middle School: 458.5 Carport Solar PV Array with Battery Energy Storage System	\$4,678,906	\$4,678,906	\$317,661	14.7	172.5
Early Childhood Education Center/M&O: One Level 3 and Two Level 2 Dual-Port EV Chargers	\$110,465	\$36,915	N/A	N/A	N/A
Lemon Grove Academy Middle School: LED Lighting Retrofit	\$284,179	\$284,179	\$29,650	9.6	16.6
TOTALS:	\$5,073,550	\$5,000,000	\$347,311	14.4	189.9

*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 20; 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.