

DOCKETED

Docket Number:	25-DECARB-01
Project Title:	Kindergarten through Twelfth Grade Energy Efficiency Program
TN #:	263636
Document Title:	KTEP PON May 29, 2025, Workshop Presentation
Description:	PowerPoint slides explaining the KTEP Program Opportunity Notice eligibility, requirements and application process.
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
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Docketed Date:	6/2/2025



Kindergarten – Twelfth Grade Energy Efficiency Program (KTEP) Informational Workshop

KTEP Loan Program | PON-24-002 | May 29, 2025



Agenda

1. Welcome and Housekeeping
2. Program Purpose and Background
3. Submission Requirements
4. Program Opportunity Notice (PON)
5. Application Submission
6. Public Comment and Questions and Answers





Housekeeping



Please Note...

1. Today's workshop is being recorded
2. Presentation, recording, and transcript will be posted to the CEC's KTEP website
3. Zoom issues?
Contact Zoom (888) 799-9666 ext. 2
4. PON/Solicitation can be found at:
<https://www.energy.ca.gov/solicitations/2025-04/pon-24-002-k-12-energy-efficiency-program-ktep>



How to Comment & Connect

During Today's Workshop

During Presentations

- Use Zoom Q&A Feature

During Public Comment and Question & Answer

- Use Zoom Raise Hand for opportunity to speak
- On phone, press *9 to raise hand and *6 to (un)mute
- When called upon, unmute, say and spell your name, state your affiliation, and make your comment

After Today's Workshop

Please visit our program page:
www.energy.ca.gov/programs-and-topics/programs/kindergarten-through-twelfth-grade-energy-efficiency-program-ktep

Comments and Questions Due:

- **Friday, June 13, 2025, at 5:00 pm**

Docket:

- **25-DECARB-01**

Email:

- **Loans@energy.ca.gov**



Program Purpose and Background

- Federal Energy Efficiency Revolving Loan Funds (EERLF)
- Local educational agencies
- 0% interest loans
- Energy efficiency and renewable energy projects
- The total funding for this program is \$6,147,840
- Maximum loan award of \$3 million.



PON Eligibility & Project Requirements



Eligible Applicants

Local Educational Agencies

- Public School Districts (K-12)
- Charter Schools
- County Offices of Education
- State Special Schools



Image source: Unsplash



Examples of Eligible Measures

- Highly efficient lighting systems
- Efficient electric heating, ventilation, and air conditioning (HVAC)
- Efficient electric domestic water heating
- Energy management systems
- Efficient pumps and motors
- Building envelope sealing and insulation improvements
- Renewable energy systems
- Electric vehicle charging infrastructure
- Load shifting equipment



Image source: Unsplash

Note: Eligible projects must be supported by a qualified energy audit



Examples of Ineligible Projects

- Equipment not owned by the LEA
- Funded by another CEC program
- Started before CEC approval
- Do not save energy (kWh or therms)
- Refrigerant global warming potential greater than 750
- Fossil fuel equipment
- New construction



Loan Requests

- Maximum loan amount is lesser of the following:
 - \$3 million dollars
 - Total Energy cost savings over the estimated useful life (EUL) of measures
 - Actual project cost less any grants or incentives
- 15-year loan term (max)
- Loans repaid from energy cost savings
- Incentive layering allowed and encouraged



Qualifying Energy Audit

- A Qualifying Energy Audit, such as an ASHRAE Level 2 audit, is required
- Existing audits allowed
 - Since 2018
 - Updated if necessary to include current utility and project costs
- Energy Auditors must register for an account and provide energy audit data
 - DOE's Building Data Tools, Building Energy Asset Score Audit Template
 - 12 consecutive months of energy consumption



PON Application & Documents



KTEP PON Documents

SOLICITATION FILES

-  [00_PON-24-002_Application_Manual_ada.docx](#)
-  [01_PON-24-002_Att_01_Loan_Application_for_CEC_Financing_ada.docx](#)
-  [02_PON-24-002_Att_02_Summary_of_Energy_Efficiency_Measures_ada.xlsm](#)
-  [03_PON-24-002_Att_03_Sample_Resolution_ada.docx](#)
-  [04_PON-24-002_Att_04_CEQA_Compliance_Worksheet_ada.docx](#)
-  [05_PON-24-002_Att_05_NEPA_Compliance_Worksheet_ada.docx](#)
-  [06_PON-24-002_Att_06_Charter_Schools_Information_&_Additional_Eligibility_Requirements_ada.docx](#)
-  [07_PON-24-002_Att_07_Certificate_of_Good_Standing_for_Charter_School_Applicant_ada.docx](#)
-  [08_PON-24-002_Att_08_DOE_Building_Energy_Audit_Requirements_ada.docx](#)
-  [09_PON-24-002_Att_09_Sample_Loan_Agreement_ada.pdf](#)



Application Submission - Documents

Documents to Submit with Application Package:

- Loan Application (Attachment 1)
 - Fully complete and signed by person authorized in the resolution
- Summary of Energy measures in Loan Request (Attachment 2)
- Governing Body resolution (Attachment 3 for sample)
- CEQA Compliance worksheet (Attachment 4)
- NEPA Compliance Worksheet (Attachment 5)
- NHPA Compliance (Attachment 5 for information)
- Energy Audit Report (Attachment 8 for information)
 - Must satisfy U.S. DOE requirements
- Utility Billing Data – Copies of recent 12 consecutive months (unless included in the audit report)
- If LEA is a Charter School:
 - Charter School Information and Additional Eligibility Requirements (Attachment 6)
 - Certificate of Good Standing (Attachment 7)



Loan Application

1. Applicant information
2. Project details – description, budget, schedule
3. CEQA acknowledgement
4. Application packet checklist
5. Certification/Signature

ATTACHMENT 1

KTEP LOAN APPLICATION FOR CEC FINANCING INTEREST RATE 0%

1. APPLICANT INFORMATION

Applicant/Legal Name:

Type of Entity (please check one option):

- ☐ School District
 - ☐ County office of Education
 - ☐ Charter School
 - ☐ State Special School
- CDS Code:

Mailing Address:

Street Address:

County:

Contact Person Name/Title:

Contact Person Email:

Contact Person Phone:

Tax ID #:

How did you hear about the California Energy Commission's (CEC) KTEP Loan Program? Check one:

- ☐ CEC Website
- ☐ CEC Staff Presentation, Literature at Trade Show or Workshop
- ☐ Utility Company, Recommendation by another State agency
- ☐ Other (specify):

Applicant is in compliance with California Building Energy Benchmarking Law?

- ☐ Yes
- ☐ No



Summary of Measures

ATTACHMENT 2

Summary of Energy Efficiency Measures in Loan Request

For each application, list the project measures for which you are requesting a loan and identify the estimated savings, project cost and payback for each project measure.

All columns except for H, J, and L, should total at the end of the table. Insert more rows as needed.

-----Applicant to enter data in these columns-----

-----Auto filled columns----->

-----CEC Staff's Review----->

Project Measure / Location	Measure Installation Cost (\$)*	Peak Demand Savings (kW)	Annual Electric Savings (kWh)	Annual Natural Gas Savings (therms)	Annual Other Energy Savings (specify units)	Measure Annual Cost Savings (\$)	EUL (years)** (EUL Considered for 0% Loans will be lesser of actual EUL or 15 Years)	Measure Cost Savings over EUL (\$)	Measure Payback (years)	GHG Emissions Reduction (Metric Tons)	Measure Revised EUL (max. 15 years for 0% Loans)	Measure Cost Savings (\$)
Middle School: Replace split system with 5 ton condenser and furnace	\$15,688		412	450		\$558	15.0	\$8,370	28.1	0.1	15.0	\$ 8,370
Maintenance Building: Install 231 LED fixtures	\$38,707		22,393	0		\$5,374	15.0	\$80,610	7.2	4.7	15.0	\$ 80,610
High School: Replace 600,000 BTU boiler system	\$106,618		894	3,398		\$3,681	15.0	\$55,215	29.0	0.2	15.0	\$ 55,215
District Office: Install 94 kW PV system	\$378,460		126,422	0		\$30,341	15.0	\$455,115	12.5	26.6	15.0	\$ 455,115
TOTAL	\$539,473	0	150,121	3,848	0	\$39,954		\$599,310		31.6		\$ 599,310

Loan Amount: \$539,473

Payback Period (years): 13.5

** Loan Amount:

Payback Period (years):

* Measure Installation Cost shall include all labor, engineering, construction, materials, equipment, inspection, demolition (if applicable), and removal (if applicable) less equipment salvage value (if applicable).

** Loan amount will be lesser of \$3 million; measure installation cost; or measure cost savings over EUL of individual measures.

** If EUL of a measure is less than 15 years, borrower can use EUL up to 15 years provided its operational warranty certificate is provided by the manufacturer / supplier.



Application Review & Approval Process

- Applications processed in order of receipt.
- CEC reviews applications
 - Completeness
 - Required documents, authorizations, certifications, back up documentations, signatures, board resolutions
 - Calculations provided in Excel
 - Eligibility of applicant
 - Eligibility of project/energy measures
 - Technical and economic feasibility of the project
- CEC notifies DOE of loan application and funding request
- CEC notifies applicants of completeness and timeline
- CEC considers loan at a CEC Business Meeting



How to Submit an Application

- Accepting loan applications now!
- Loan applications must be submitted via email to Loans@energy.ca.gov
- PON documents and Sample Loan Agreement are available at: <https://www.energy.ca.gov/solicitations/2025-04/pon-24-002-k-12-energy-efficiency-program-ktep>



Contact and Information

Program Information: www.energy.ca.gov/programs-and-topics/programs/kindergarten-through-twelfth-grade-energy-efficiency-program-ktep

Program Opportunity Page: www.energy.ca.gov/solicitations/2025-04/pon-24-002-k-12-energy-efficiency-program-ktep

Questions: Will post questions received today through **June 13, 2025** with answers in late June.

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Comment and Q&A



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Thank You!