

**DOCKETED**

<b>Docket Number:</b>	20-RENEW-01
<b>Project Title:</b>	California Schools Healthy Air, Plumbing, and Efficiency
<b>TN #:</b>	241538
<b>Document Title:</b>	California Schools Healthy Air, Plumbing, and Efficiency Program Workshop Presentation
<b>Description:</b>	California Schools Healthy Air, Plumbing, and Efficiency (CaSHAPE) Program Workshop Presentation
<b>Filer:</b>	Theresa Daniels
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	2/15/2022 8:26:23 AM
<b>Docketed Date:</b>	2/15/2022



# **California Schools Healthy Air, Plumbing, and Efficiency (CalSHAPE) Program Workshop**

California Energy Commission  
February 15, 2022



# Welcome and Opening Remarks

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## California Energy Commission

- Commissioner Andrew McAllister, Ph.D.
- Commissioner Karen Douglas, J.D.

## California Public Utilities Commission

- Commissioner Genevieve Shiroma



# Virtual Housekeeping

- Workshop/hearing conducted remotely via Zoom
- 3 ways to comment:
  - Use the “raise hand” feature in Zoom
  - Over the telephone: dial \*9 to “raise hand” and \*6 to mute/unmute your phone line
  - Type your question in the Q&A window
- Please limit comments to 3 minutes
- Written comments due at 5:00 p.m. on February 22, 2022
  - Submit through the e-commenting system at:  
<https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=20-RENEW-01>



# Workshop Agenda

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**Program Overview and Status Update**

**Application Process**

**Eligibility Requirements**

**Funding Categories with Exhausted Funds**

**Next Steps**

**Public Comment**



# Program Overview and Status





# Background: AB 841

- CalSHAPE includes 2 Grant Programs:
  - **CalSHAPE Ventilation Program:** assess, maintain, and repair or replace ventilation systems
  - **CalSHAPE Plumbing Program:** replace aging and inefficient plumbing fixtures and appliances
- CEC is Program Administrator
  - Coordinating with Large Electric and Gas Utilities Funding the Program and CA Public Utilities Commission



# Status - Implementation Progress

Event	Date
AB 841 Signed Into Law	September 2020
Program Guidelines Adopted	June 2021
Funding Round 1 - Plumbing	August 2021
Funding Round 1 - Ventilation	September 2021
Reviewing Applications and Issuing Awards	On-Going





# Eligible Applicants

## Eligible Applicants limited to California LEAs include:

- A school district as defined in Section 41302.5 of the Education Code
- A charter school that has been granted a charter pursuant to Part 26.8 (commencing with Section 47600) of Division 4 of Title 2 of the Education Code
- A regional occupational center established pursuant to Section 52301 of the Education Code that is operated by a joint powers authority and that has an active career technical education advisory committee pursuant to Section 8070 of the Education Code



# Eligible Sites

**LEAs may apply for grants to conduct activities at schools that:**

- Are on a site owned by the LEA
- Are on a publicly owned site, such as a site owned by a school district or other public entity, whether the LEA has a lease with that entity
- Are on a privately-owned site, for which there is a lease with a term that exceeds the duration of the program, ending after December 1, 2026



# Priority Eligibility

**“Underserved community”** means a community that meets one of the following criteria:

- A “disadvantaged community” as defined by subdivision (g) of Section 75005 of the Public Resources Code
- Included within the definition of “low-income communities” as defined by paragraph (2) of subdivision (d) of Section 39713 of Health and Safety Code
- CalEnviroScreen score of 75 or higher
- $\geq 75\%$  of students eligible for FRPM under National School Lunch Program
- Located on lands belonging to a federally recognized California Indian tribe



# CaISHAPE – Ventilation Program

Provides funding to assess, maintain, and repair heating, ventilation, and air conditioning (HVAC) systems in public schools, prioritizing schools in underserved communities.





# CaISHAPE – Ventilation Program

- Awards limited to HVAC Assessment and Maintenance Grants
- 3 Application Pathways
- All project requirements must be completed, no funding for partial projects
- Grant award will be amount requested by LEA and verified with a contractor estimate
- Contractor estimate must only be for reasonable costs of project requirements
- Advance payment of 50% of the grant award



# CaISHAPE– Plumbing Program

Funding to replace aging and inefficient plumbing fixtures and appliances with water-conserving plumbing fixtures and appliances in public schools, prioritizing facilities in underserved communities.





# CaISHAPE – Plumbing Program

- Application must include documentation confirming plumbing fixtures and appliances qualify as noncompliant
- Final report must include documentation to verify installation of water-conserving plumbing fixtures and appliances
- LEAs must dispose or recycle all noncompliant plumbing fixtures and appliances in compliance with all local requirements
- Grant award will be amount requested by LEA and verified with a contractor estimate



# Funding Round 1 Update







# Program Update

- **450 applications received**
  - 130 Plumbing
  - 320 Ventilation
- **\$170M in requested funds**
  - \$18.5M Plumbing
  - \$150.8M Ventilation
- **118 Notices of Proposed Awards Issued**
  - 38 Plumbing
  - 80 Ventilation
- **\$52M in NOPAs Issued**

\*As of 2/14/2022



# CaISHAPE Reach

- **26% Eligible LEAs**
  - 213 of 829 total
- **21% Schools in an underserved community**
  - 1,316 of 6,262 total
- **76% of Counties with Eligible LEAs**
  - 44 of 58 total

Counties in CaISHAPE





# Application Data – Ventilation

- 320 applications funding round 1
- \$150M requested funds
- 138,000 HVAC filters
- 57,000 CO2 monitors



# Application Data – Plumbing

- 129 applications funding round 1
- \$19M requested funds
- 100 appliances
- 10,000 plumbing fixtures



# Program Budget

Estimated Annual Program Funding*					
	SCE	PG&E	SDG&E	SoCalGas	Total
2021 Program Funding	\$110 M	\$115 M	\$58 M	\$1.5 M	\$285 M
2022 Program Funding	\$87 M	\$81 M	\$25 M	\$0	\$193 M
2023 Program Funding	\$75 M	\$69 M	\$21 M	\$0	\$165 M
<b>Total Program Funding**</b>	<b>\$272 M</b>	<b>\$265 M</b>	<b>\$104 M</b>	<b>\$1.5 M</b>	<b>\$643 M</b>
Annual amounts based on CPUC Decision 21-01-004 and 2020 Unspent and Uncommitted Fund Performance Audits					
Total amounts do not include 2021 and 2022 unspent and uncommitted funds					



# Remaining Budget

Estimated Annual Program Funding					
	SCE	PG&E	SDG&E	SoCalGas	Total
<b>Total Program Funding*</b>	\$272 M	\$265 M	\$104 M	\$1.5 M	<b>\$643 M</b>
<b>Funds Requested Funding Round 1</b>	\$79 M	\$63 M	\$17 M	\$11 M	<b>\$170 M</b>
<b>Remaining Program Funds</b>	\$193 M	\$202 M	\$87 M	<b>-\$9.5M</b>	<b>\$482 M</b>

\* Total Program Funding amounts do not include 2021 and 2022 unspent and uncommitted funds

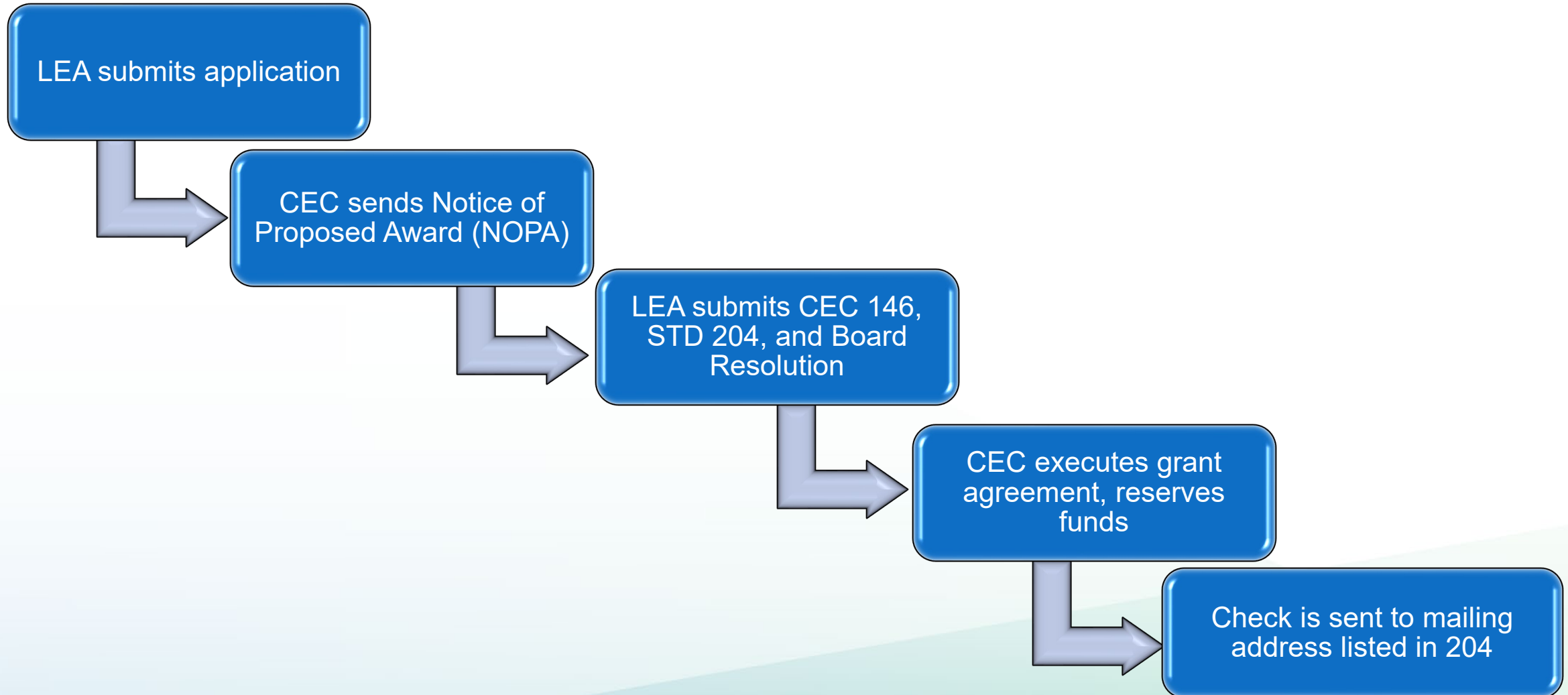


# Application Process





# Application Process







# Application Corrections





# Common Application Corrections – General

- Letter of Authorization (third party applicants)
- Proof of Ownership (charter schools)
  - Letter stating ownership is acceptable for school districts
- Proof of Complying Lease
  - Lease term must end after December 1, 2026
  - Letter of Intent from owner to extend lease to December 1, 2026, is acceptable
- Application costs matching contractor estimate
- Licensed contractor estimate



# Contractor Estimate – Ventilation

- Contractor estimate must include:
  - Labor and materials costs for Assessment and Maintenance, CO2 monitor installation, and filter replacement (site specific)
  - Unit counts for HVAC systems, CO2 monitors, and filters (site specific)
  - Project timeline
  - Description of work to be performed
- Costs and unit counts must match application in system
- **20% contingency not needed in estimate; amount is calculated by system**



# Contractor Estimate Table

- Can be added to contractor estimate
- Includes required site project costs
- Available on program webpage

STATE OF CALIFORNIA  
**HVAC CONTRACTOR SITE ESTIMATE WORKSHEET**  
 February 2022

CALIFORNIA ENERGY COMMISSION

Site Name						
<b>Assessment &amp; Maintenance</b>						
	Labor Rate	Hours	Labor Cost	Material Cost	A & M Cost Totals	
Site Work (Assess / Adjust / Maintenance) HVAC Assessment Report						
			A & M Labor Cost			
			A & M Material Cost			
			Total A & M Cost			
			Total Other Funds			
			Requested Funds			
Qty HVAC Units						
<b>Filters</b>						
	MERV Rtg	Filter Count	Labor Cost (per filter)	Material Cost (per filter)	Filter Cost Totals	
New Filter						
			Filter Labor Cost			
			Filter Material Cost			
			Total Filter Cost			
			Total Rebate Amount			
			Total Other Funds			
			Requested Funds			
<b>CO2 Monitors</b>						
	Manufacturer / Brand Name	Model	CO2 Monitor Count	Labor Cost (per monitor)	Material Cost (per monitor)	CO2 Monitor Cost Totals
New CO2 Monitor						
			CO2 Monitor Labor Cost			
			CO2 Monitor Material Cost			
			Total CO2 Monitor Cost			
			Total Rebate Amount			
			Total Other Funds			
			Requested Funds			



# Common Corrections – Ventilation

- Ineligible costs:
  - HVAC Verification Report
  - Project management
  - Training and development
  - Portable air purifiers
  - CO2 monitors in rooms/buildings other than classrooms
  - Building automation components



# Contractor Estimate – Plumbing

- Contractor estimate must include:
  - Unit costs for each plumbing fixture/appliance (site specific)
    - Unit cost = sum of the material and labor costs for each unit
  - Unit counts for noncompliant plumbing fixtures/appliances (site specific)
  - Project timeline
  - Description of work to be performed
- Costs and unit counts in estimate must match application in system



# Common Corrections – Plumbing

- Proof of Noncompliant Plumbing Fixtures or Appliances
  - Written explanation on why information is unknown
  - Additional information to confirm noncompliant
    - Documentation should be from LEA or contractor
    - Examples of acceptable documentation/information:
      - Flow rates
      - Year purchased or installed
      - General information on approximate age, such as age of building if never replaced



# Common Corrections – Plumbing

- Ineligible costs:
  - Plumbing Verification Report
  - Electrical upgrades
  - Re-plumbing
  - Plumbing reimbursement
  - 20% Contingency (not part of Plumbing Program)
- Ineligible plumbing fixtures and appliances:
  - Plumbing fixtures and appliances that do not meet noncompliant requirements in *Plumbing Guidelines*, Chapter 2, Section B
  - Drinking fountains, pool pumps, water heaters





# Notices of Proposed Award

- Notice of proposed award (NOPA) issued for complete applications
- NOPA sent to applicant by email and provides:
  - Grant award amount
  - Grant agreement (attached to email)
  - Instructions for completing required documents:
    - Payee Record Form: STD-204
    - Grant agreement: CEC146
    - Governing Body Resolution
- Award funds not reserved until grant agreement is executed by CEC



# Payee Record Form STD-204

- Use current form on CEC program webpage
- Section 1- name must be LEA's legal name and match federal tax return
- Section 3- FEIN must be completed
- Section 5- must be completed and signed
- Section 6- completed by CEC

STATE OF CALIFORNIA – DEPARTMENT OF FINANCE  
**PAYEE DATA RECORD**  
 (Required when receiving payment from the State of California in lieu of IRS W-9 or W-7)  
 STD 204 (Rev. 2/2022)

Section 1 – Payee Information			
NAME (This is required. Do not leave this line blank. Must match the payee's federal tax return)			
BUSINESS NAME, DBA NAME or DISREGARDED SINGLE MEMBER LLC NAME (If different from above)			
MAILING ADDRESS (number, street, apt. or suite no.) (See instructions on Page 2)			
CITY, STATE, ZIP CODE		E-MAIL ADDRESS	
Section 3 – Tax Identification Number			
Enter your Tax Identification Number (TIN) in the appropriate box. The TIN must match the name given in Section 1 of this form. Do not provide more than one (1) TIN. The TIN is a 9-digit number. <b>Note:</b> Payment will not be processed without a TIN.			Social Security Number (SSN) or Individual Tax Identification Number (ITIN)
<ul style="list-style-type: none"> <li>• For <b>Individuals</b>, enter SSN.</li> <li>• If you are a <b>Resident Alien</b>, and you do not have and are not eligible to get an SSN, enter your ITIN.</li> <li>• Grantor Trusts (such as a Revocable Living Trust while the grantors are alive) may not have a separate FEIN. Those trusts must enter the individual grantor's SSN.</li> <li>• For <b>Sole Proprietor or Single Member LLC (disregarded entity)</b>, in which the sole member is an individual, enter SSN (ITIN if applicable) or FEIN (FTB prefers SSN).</li> <li>• For <b>Single Member LLC (disregarded entity)</b>, in which the sole member is a business entity, enter the owner entity's FEIN. Do not use the disregarded entity's FEIN.</li> <li>• For all other entities including LLC that is taxed as a corporation or partnership, estates/trusts (with FEINs), enter the entity's FEIN.</li> </ul>			OR Federal Employer Identification Number (FEIN)
Section 5 – Certification			
<i>I hereby certify under penalty of perjury that the information provided on this document is true and correct. Should my residency status change, I will promptly notify the state agency below.</i>			
NAME OF AUTHORIZED PAYEE REPRESENTATIVE		TITLE	E-MAIL ADDRESS
SIGNATURE		DATE	TELEPHONE (include area code)
Section 6 – Paying State Agency			
Please return completed form to:			
STATE AGENCY/DEPARTMENT OFFICE State Controller's Office / LGPSD		UNIT/SECTION Tax Programs Unit / Tax Administration Section	
MAILING ADDRESS P.O. Box 942850		FAX (916) 327-3921	TELEPHONE (include area code) (916) 322-7952
CITY Sacramento	STATE CA	ZIP CODE 94250-5880	E-MAIL ADDRESS GTR@sco.ca.gov



# CEC Grant Agreement CEC-146

- Attached to NOPA Issued email from CalSHAPE Online System
- To complete:
  - Sign, date, and complete Recipient section
  - **Electronic or digital signature preferred**
  - Fill in LEA contacts in Exhibit C

STATE OF CALIFORNIA <b>GRANT AGREEMENT</b> CEC-146 (Revised 3/2019)		CALIFORNIA ENERGY COMMISSION					
RECIPIENT <b>[LEA Name]</b>		AGREEMENT NUMBER <b>[Agreement Number]</b>					
ADDRESS <b>[STD 204 Mailing Address]</b>		AGREEMENT TERM <b>[CEC Execution Date] to [24 months Later]</b> <small>The effective date of this Agreement is either the start date or the approval signature date by the California Energy Commission representative below, whichever is later. The California Energy Commission shall be the last party to sign. No work is authorized, nor shall any work begin, until on or after the effective date.</small>					
PROJECT DESCRIPTION The parties agree to comply with the terms and conditions of the following Exhibits which are by this reference made a part of the agreement.  <b>Exhibit A – Scope of Work</b> <b>Exhibit B – Budget</b> <b>Exhibit C – Agreement Contacts</b> <b>Exhibit D – Terms and Conditions</b>							
		<table border="1"> <tr> <td>REIMBURSABLE AMOUNT</td> </tr> <tr> <td>\$ [Grant Award]</td> </tr> <tr> <td>Total of REIMBURSABLE AMOUNT</td> </tr> <tr> <td>\$ [Grant Award]</td> </tr> </table>		REIMBURSABLE AMOUNT	\$ [Grant Award]	Total of REIMBURSABLE AMOUNT	\$ [Grant Award]
REIMBURSABLE AMOUNT							
\$ [Grant Award]							
Total of REIMBURSABLE AMOUNT							
\$ [Grant Award]							
<i>The undersigned parties have read the attachments to this agreement and will comply with the standards and requirements contained therein.</i>							
<b>CALIFORNIA ENERGY COMMISSION</b>		<b>RECIPIENT</b>					
AUTHORIZED SIGNATURE	DATE	AUTHORIZED SIGNATURE	DATE				
NAME		NAME					
TITLE		TITLE					
CALIFORNIA ENERGY COMMISSION ADDRESS							



# Board Resolution

- Template on webpage
- Separate Resolution for each program
- CEQA determination
  - Public Resources Code 21065
  - Title 14, CA Code of Regulations 15000

**California Schools Healthy Air, Plumbing, and Efficiency Program  
Governing Body Resolution**

**RESOLUTION NO.** \_\_\_\_\_

**Resolution of** \_\_\_\_\_  
*Name of Local Educational Agency*

**WHEREAS**, the California Energy Commission’s California Schools Healthy Air, Plumbing, and Efficiency (CalSHAPE) Program provides grants to local educational agencies (LEA), that includes school districts, charter schools, and regional occupational programs, to fund the assessment, maintenance, and repair of ventilation systems, installation of carbon dioxide monitors, and replacement of noncompliant plumbing fixtures and appliances;

**NOW THEREFORE, BE IT RESOLVED**, that \_\_\_\_\_  
*Governing Body*  
authorizes \_\_\_\_\_ to apply for a  
*LEA Name*  
grant from the California Energy Commission to implement a CalSHAPE Program project.

**BE IT ALSO RESOLVED**, that in compliance with the California Environmental Quality Act (CEQA), \_\_\_\_\_ finds that the activity funded by  
*Governing Body*  
the grant is (Please select one)  
 not a project because \_\_\_\_\_  
OR  
 a project that is exempt under \_\_\_\_\_ because \_\_\_\_\_  
OR  
 a project and \_\_\_\_\_ document was prepared.

**BE IT ALSO RESOLVED**, that if recommended for funding by the California Energy Commission, the \_\_\_\_\_ authorizes \_\_\_\_\_  
*Governing Body* *LEA Name*  
to accept a grant up to \$ \_\_\_\_\_ and accept all grant agreement  
*Grant Amount Requested*



# Grant Awards

- CEC will:
  - Review documents
  - Check for sufficient funds in funding category(ies)
  - Execute grant agreement
  - Schedule initial payment with the State Controller's Office (SCO)
- Payment will be sent to LEA address provided on STD-204
- 4 – 6 weeks to receive payment (estimate)



# Program Eligibility





# Eligibility Considerations

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- Current guidelines limit CalSHAPE to underserved community schools only
- Any changes to eligibility require revision to Guidelines
- Legislation requires 25% of projects in underserved communities and offered priority to apply
- Eligibility changes annually



# Potential Changes

Possible Approaches to Program Eligibility:

## 1. No change

- Limited to schools in underserved communities only

## 2. No change in Funding Round 2, eligibility for all schools in Funding Round 3

- Guidelines will be updated to add eligibility for all schools prior to start of Funding Round 3

## 3. Eligibility for all schools in Funding Round 2

- Start of Funding Round 2 will be delayed for guidelines to be updated to add eligibility for all schools





# Funding Categories



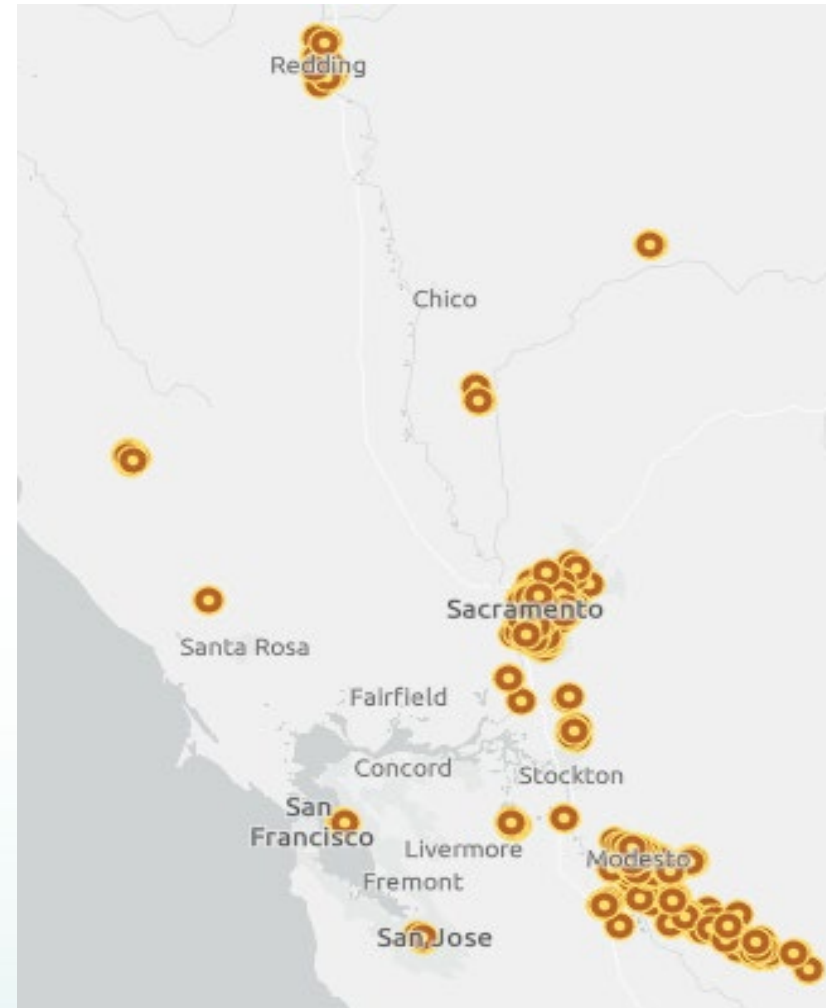


# Utility Funding Categories



**PG&E 1 Underserved**

2,239 Schools

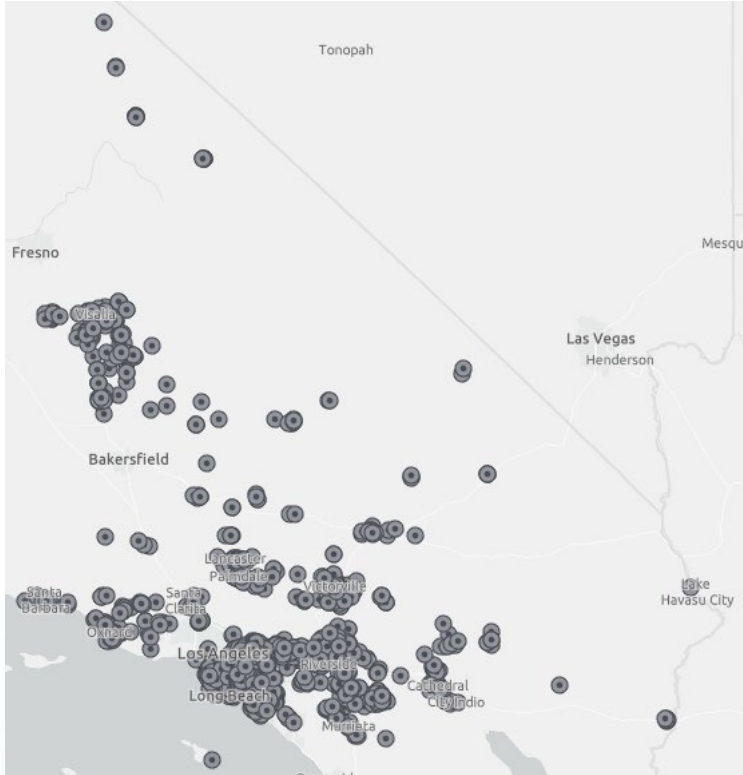


**PG&E 2 Underserved**

481 Schools



# Utility Funding Categories



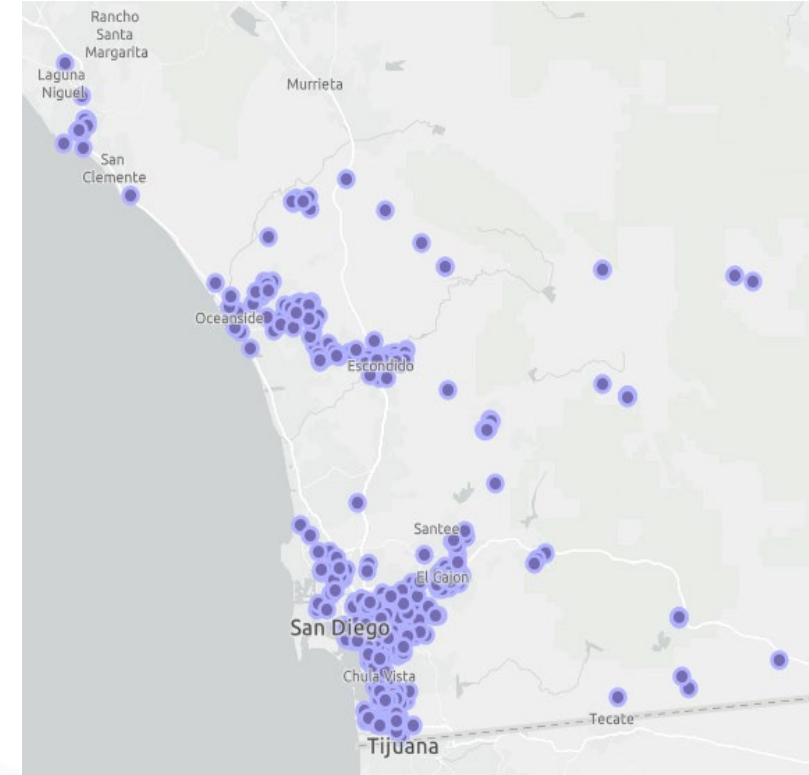
**SCE Underserved**

2,015 Schools



**SoCal Gas Underserved**

996 Schools



**SDG&E Underserved**

389 Schools



# Application Process

Current Process for Funding Categories with Exhausted Funds:

- **Same application process as with all applications:**
  1. Applications are accepted and reviewed by CEC staff
  2. Notice of proposed award (NOPA) is issued for complete applications
  3. Signed grant agreement, resolution, and STD 204 submitted by applicant
  4. Documents reviewed by CEC staff to confirm complete
- **CEC will not execute grant agreement until sufficient funds available**



# Application Considerations

	SoCalGas
<b>Total Program Funding*</b>	\$1.5 M
<b>Funds Requested Funding Round 1</b>	\$11 M
<b>Remaining Program Funds</b>	- \$9.5M

- Current requested amount in SoCalGas exceeds projected funding
- Funding beyond 2023 is uncertain
- Invested time to submit application



# Potential Changes

Possible Approaches to Exhausted Funding:

## 1. No change

- Applications accepted, notification of insufficient funds prior to CEC execution of grant

## 2. Restrict application submittal in exhausted funding categories

- Following notice, CEC will restrict applications for sites in funding categories with exhausted funds

## 3. Application Queue

- Applications will be accepted, but not processed for sites in funding categories with exhausted funds



# Next Steps





# Potential Guidelines Revisions

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- Update corrections resubmittal timeframe from 10 calendar days to 10 business days excluding state and federal holidays
- Clarify application package requirements for:
  - Proof of Ownership or Complying Lease
  - Proof of Noncompliant Plumbing Fixtures and Appliances





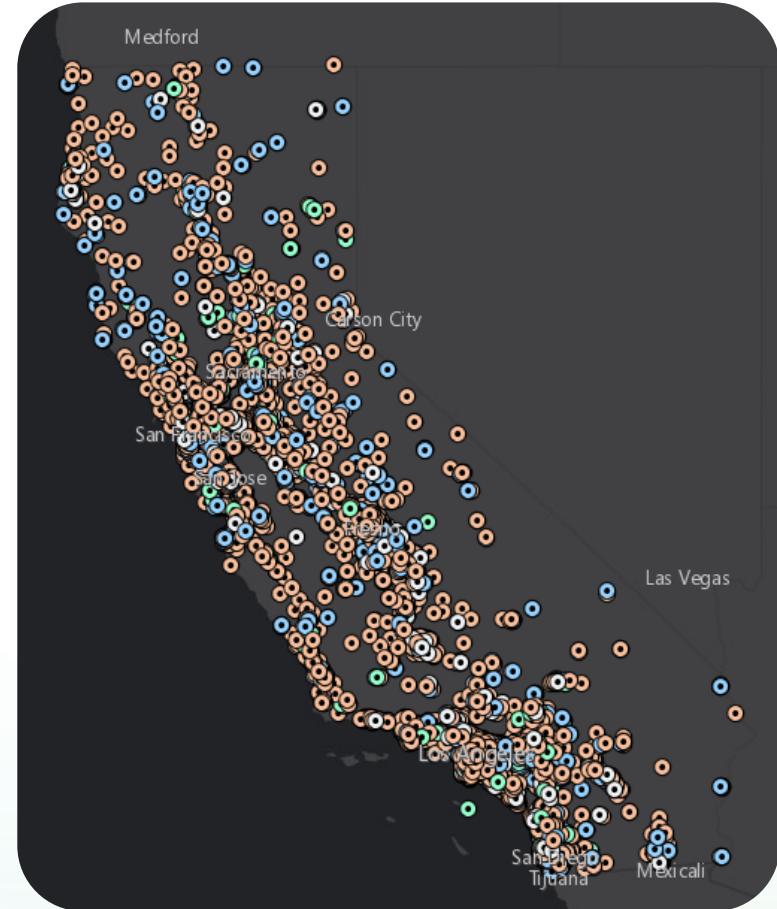
# Anticipated Schedule

Next Steps (subject to change)	Date
Grant Award Execution	On-Going
Comments Due	February 22, 2022
Notice of Funding Availability Round 2	March 2022
CalSHAPE Annual Report	March 2022
Notice of Availability Revised Guidelines	April 2022
Grant Awards/ Checks	April 2022
CEC Business Meet to adopt Revised Guidelines	May 2022



# What can you do?

- Submit written comments
- Complete corrections
- Submit NOPA documents
- Check webmap for eligibility
- Notice of Funding Availability Round 2
- Contact CalSHAPE staff for help





# Discussion Questions

## Priority Eligibility Changes:

- Should program eligibility be expanded to all schools?
- If eligibility is expanded, which funding round should the expanded eligibility begin?
- Should the CEC continue to offer priority to schools that meet underserved community criteria even after eligibility is expanded?
  - For example, a priority period at start of funding round.

## Funding Categories with Exhausted Funds:

- Should the program continue to accept applications for schools in funding categories in which funds have been exhausted?

## Potential Guidelines Revisions:

- Are there any application package or process requirements that need clarification?



# Public Comments

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- Limited to 3 minutes per comment
- 4 ways to comment:
  - Use the “raise hand” feature in Zoom
  - Type your question in the Q&A window
  - Over the telephone: dial \*9 to “raise hand” and \*6 to mute/unmute your phone line
  - Submit your comments in writing during the 14-day public comment period



# Written Comments

- **Written comments due 5:00 pm on February 22, 2022**
- Comments may be submitted directly to the CalSHAPE docket (20-RENEW-01) through the e-commenting system at:  
<https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=20-RENEW-01>



# Contact Us

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Contact us at:

[CalSHAPE@energy.ca.gov](mailto:CalSHAPE@energy.ca.gov)

Subscribe to our program  
listserve for updates



**Thank you!!**