



California Energy Commission

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

February 7, 2023



Agenda

- Program Overview
- Ventilation Program
- Plumbing Program
- Application Process
- Upgrade and Repair



Assembly Bill 841 Overview

- California Schools Healthy Air, Plumbing and Efficiency Program (CalSHAPE)
- Two grant programs
 - **Ventilation:** assess, maintain, and repair HVAC systems
 - **Plumbing:** replace inefficient plumbing fixtures and appliances
- Eligibility
 - 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



Funding Round 4

- Accepting applications for both programs until March 31, 2023
- Open to all sites in a funding category, including state agencies for the Plumbing program
- About \$750 M in funding



San Diego County Overview



County and CalSHAPE Data

- ✓ Number of Schools in County: 398
- ✓ Number of Schools in CalSHAPE: 247

- ✓ Number of LEAs in County: 43
- ✓ Number of LEAs in CalSHAPE: 43

Total Funds Requested: \$ 39 M

Total Funds Remaining: \$ 98 M

Ventilation: \$70 M

Plumbing: \$28M



Ventilation and Plumbing Program



Ventilation Program

Assessment and Maintenance Grants

- Assessment
- Maintenance
- Adjustments of ventilation rates
- Filter replacements
- Carbon dioxide monitor installation
- Assessment Report



Pathways

Pathway One:

- Heating Ventilation and Air Conditioning (HVAC) Assessment and Maintenance (A&M)

Pathway Two:

- Scheduled for Replacement

Pathway Three:

- Limited or No Mechanical Ventilation





Plumbing Program

Eligible Fixtures

- Toilets
- Urinals
- Showerheads
- Faucets

Eligible Appliances

- Dishwashers
- Commercial Ice Makers
- Commercial Clothes Washers



Application Process



Application Process



1. Create an account in the CalSHAPE Online System
2. 3 applications per program, per funding round
 - No limit to the number of schools on each application
3. Complete the online application for each site based on the requirements for the Pathway selected
4. Upload Supporting documentation
5. Submit!



Contractor Estimate

- Prepared by a Licensed Contractor who has assessed the site(s)
- Information in estimate must match the Online System
- Provides Assessment and Maintenance costs, filter costs, and CO2 monitor costs separately **and** itemized by labor and materials
- The above costs should be provided separately for each site
- Provide an estimated project timeline



Additional Supporting Documents

- **Proof of Ownership or Complying Lease**
 - When school sites are owned by a district the applicant can submit a signed attestation listing the sites owned by the LEA
 - Charters who are not leasing from a district must submit their lease
- **Letter of Authorization for 3rd Party Applicants**
 - Applies to applications supported by or submitted by a consultant or contractor
 - LEA states the 3rd party has permission to act on their behalf
- **Certificate of Good Standing (Charter Schools Only)**
 - Template on [CalSHAPE webpage](#)



Assessment Reports

- Must be prepared by qualified personnel
- **HVAC Assessment Pathway:** Report must be reviewed by a licensed professional
- **Scheduled for Replacement Pathway:** Report is minimal, and no assessment is required
 - Report is not required to be reviewed by a licensed professional



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California Schools Healthy Air, Plumbing, and Efficiency Ventilation Program

HVAC Assessment and Maintenance Pathway
HVAC Assessment Report Worksheets
October 2021

1. System Overview
2. Filtration System
3. Ventilation Rate
4. Economizer Operation
5. Demand Control Ventilation
6. Air Distribution and Building Pressure
7. General Maintenance
8. Operational Controls
9. CO2 Monitoring



Grant Awards

- Award paid in 2 payments
 - Initial payment
 - 50% of award for Ventilation
 - Up to 50% of award for reimbursement of the LEA's incurred costs for Plumbing
 - Issued when CEC executes grant agreement and grant funds are reserved for LEA
 - Final payment
 - Up to remaining 50% of award
 - Issued after CEC staff reviews final report and invoices



Upgrade and Repair (U&R) Phase



Upgrade and Repair

- Upcoming Ventilation Upgrade and Repair grants will be open to sites that submitted applications in the Assessment and Maintenance phase of the program
- Upgrade and Repair grants are open to Pathway 1 & Pathway 2 applicants
- Possible Awards
 - \$176 M available for grant awards
 - \$ 20 M Greenhouse Gas Reduction Fund (GGRF)
- Anticipated Schedule
 - Guidelines Adopted: March 2023
 - Funding Round Starts: September 2023



CalSHAPE Application Materials

- [CalSHAPE Program Webpage](#)
- [Ventilation Application Companion Document](#)
- [Ventilation Application Checklist](#)
- [Plumbing Application Companion Document](#)
- [Plumbing Application Checklist](#)

The CalSHAPE Program webpage has many more resources, including program guidelines, required document templates, and additional application materials.

Thank you!

The CalSHAPE webpage provides program information, application help, and a form to submit docket comments!

Scan the QR code to get started.

Contact: CalSHAPE@energy.ca.gov

