

**DOCKETED**

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<b>Project Title:</b>	California Schools Healthy Air, Plumbing, and Efficiency
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<b>Document Title:</b>	CalSHAPE Ventilation Program HVAC Upgrade and Repair Grant Workshop Schedule
<b>Description:</b>	Schedule for the CalSHAPE Ventilation Program HVAC Upgrade and Repair Grant Workshop on January 12, 2023
<b>Filer:</b>	Theresa Daniels
<b>Organization:</b>	California Energy Commission
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## CALIFORNIA ENERGY COMMISSION

# California Schools Healthy Air, Plumbing, and Efficiency (CalSHAPE) Ventilation Program HVAC Upgrade and Repair Grant Workshop

January 12, 2023

10:00 a.m. – 12:00 p.m.

## Workshop Schedule

### Remote Attendance Only

[Participate in this meeting via Zoom](#) at:

<https://energy.zoom.us/j/96995222472?pwd=N0xsNm1FOHpWNmVUeHRQSZM3Q3ZUZz09>

**Meeting ID:** 969 9522 2472 **Meeting Password:** 663231

**To Participate by Telephone Only:** Dial 1-213-338-8477 or 1-888-475-4499 (toll free). When prompted, enter the unique Zoom ID for the session. To comment, dial \*9 to “raise your hand” and \*6 to mute/unmute your phone line.

This is the agenda for the CalSHAPE Program Workshop Notice published on the [CalSHAPE Program webpage](#) at <https://www.energy.ca.gov/programs-and-topics/programs/california-schools-healthy-air-plumbing-and-efficiency-program>. Written comments are due by January 26, 2023. Instructions for submitting written comments are provided in the meeting notice.

#### **I. Welcome and Opening Remarks (10:00 a.m.)**

Commissioner J. Andrew McAllister, Ph.D., *California Energy Commission*  
Commissioner Kourtney Vaccaro, *California Energy Commission*

#### **II. Housekeeping and Program Overview (10:15 a.m.)**

O’Shea Bennett, *California Energy Commission*  
Scott Polaske, *California Energy Commission*

#### **III. Presentation Topics (10:30 a.m.)**

Topic 1: Eligibility – David Velazquez, *California Energy Commission*  
Topic 2: Project Scope – David Velazquez, *California Energy Commission*  
Topic 3: Project Costs – Victor Yakshin, *California Energy Commission*  
Topic 4: Award Limits – Victor Yakshin, *California Energy Commission*

**IV. Next Steps** (10:55 a.m.)

Zoilyn Edjan, *California Energy Commission*

**V. Public Comments** (11:00 a.m.)

Hughson Garnier, *California Energy Commission*

**VI. Written Comments**

Written comments are due by January 26, 2023. California Energy Commission (CEC) staff would appreciate comments on the following proposals and questions.

1. Eligibility proposals:

- Eligibility for grant awards will be limited to schools in underserved communities in the first funding round.
- The number of applications and the number of sites that can be included in each application may be limited in each funding round. For example, a local educational agency (LEA) may only be able to submit three applications with up to three sites each in the first funding round.

2. Project Scope proposals:

- The heating, ventilation, and air conditioning (HVAC) Assessment Report completed as part of the Assessment and Maintenance Grant project will list deficiencies found during the assessment and provide a Licensed Professional's recommendations for additional repairs, upgrades, or replacements needed to correct the deficiencies. LEAs will not be required to correct all the deficiencies noted in the HVAC Assessment Report. LEAs can prioritize deficiencies and select which HVAC systems at a site to repair, upgrade, or replace.
- There will be no grant funds provided for the purchase and installation of gas equipment. An existing HVAC system that uses gas equipment will need to be converted/replaced to all electric equipment to receive funding for the cost of the HVAC system replacement. The CEC prefers heat-pump technology for the space heating.
- HVAC Upgrade and Repair Grant projects must be completed within a 2-year project term.

3. Project Costs questions:

- Are there hard costs, other than the direct HVAC system repair and replacement, that should be eligible costs of the HVAC Upgrade and Repair Grant?

- Is there a need for grant award funding for soft costs?
  - If yes, which soft costs should be considered eligible costs?
- What are the direct and indirect costs associated with converting to an all-electric HVAC system?

#### 4. Award Limits questions:

- What is the best metric to use in setting a maximum award (e.g., \$/unit, \$/ton, \$/classroom)?
- Is there a recommended method to calculate the maximum award to provide a reasonable amount of funds for the large variety of HVAC systems and classroom arrangements?
- What are reasonable maximum award amounts for:
  - Costs of HVAC system replacement of ventilation and air conditioning components only (per ton, unit, or classroom)?
  - Costs of HVAC system replacement with all electric components including converting from a gas furnace to a heat pump (per ton, unit, or classroom)?
  - Award for soft costs?
  - Not to exceed maximum award (by school type, tier, or LEA)?