

# **San Joaquin Valley Air Pollution Control District AB 617 Community Emission Reduction Program**

## **Residential Air Filtration Program Plan**

***South Central Fresno Community  
Shafter Community  
Stockton Community***

### ***PROJECT IDENTIFICATION***

- South Central Fresno - IAQ.2: Incentive program for Residential Air Filtration
- Shafter - IAQ.2: Incentive program for Residential Air Filtration
- Stockton - IAQ.1: Incentive program for residential Air Filtration and Weatherization

This is a Community Identified Project included and prioritized in the California Air Resources Board (CARB) and District adopted Community Emission Reduction Programs (CERP). Residential Air Filtration Program is part of [California Climate Investments](#), a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment — particularly in disadvantaged communities.

Residential Air Filtration projects will aid in reducing the impact of and exposure to air pollution on community residents near sources of pollution within their homes. Indoor air filtration devices can be of assistance in improving indoor air quality in homes and weatherization of a home (improving seals around door and windows) can reduce outside pollutants moving into the home and decreasing the overall energy demand for residents. This program will provide incentive funding for residential air filtration for AB617 selected community residents near sources of air pollution and increase outreach and access to programs currently available for low-income residents in Stockton to receive weatherization services.

### ***COMMUNITY SUPPORT***

This measure received support from the Stockton Community Steering Committee (CSC) and was included in the adopted Stockton Community Emission Reduction Program. This plan was developed and modeled after existing plans and resources for similar projects within the state of California and includes feedback received from the CSC to create a plan to address the unique needs of each community. In South Central Fresno and Shafter, this measure was not originally adopted in their respective CERP's but based on community discussions and support at steering committee meetings Residential Air Filtration was approved for funding by the CSC. Information about the Steering Committees is included below:

- (1) Name(s) of the community group(s):**
  - Stockton Steering Committee [Map](#)
  - South Central Fresno Steering Committee [Map](#)
  - Shafter Steering Committee [Map](#)
- (2) Purpose of community group(s)**
  - AB617 Community Engagement and Public Input
- (3) Total number of members in the community group(s)**
  - Stockton – 35 members
  - South Central Fresno – 34 members
  - Shafter – 27 members
- (4) Date(s) of formation/establishment**
  - Stockton Steering Committee – 3/4/2020
  - South Central Fresno Steering Committee – December 2018
  - Shafter Steering Committee – December 2018
- (5) A description of the decision-making process must be included.**
  - Stockton Steering Committee [Charter](#) and [Voting Process](#)
  - South Central Fresno Steering Committee [Charter](#)
  - Shafter Steering Committee [Charter](#)
- (6) Community Support Demonstration**
  - a. Stockton [CERP](#)
  - b. South Central Fresno
    1. [CERP](#)
    2. [CSC Meeting to adopt Air Filtration](#)
    3. [Subcommittee meeting for Air Filtration](#)
  - c. Shafter
    1. [CERP](#)
    2. [CSC Meeting to adopt Air Filtration](#)

### ***MECHANISM FOR INFORMING COMMUNITY***

This measure has been discussed at Community Steering Committee meetings in addition to the outreach activities conducted to inform residents of the program and requirements for participation. The outreach conducted has and will continue to be the following:

- Social media
- Mailers
- Print ads
- Press releases and press events
- Events, town halls, webinars, etc.
- Other ideas as brought up by committee

Additionally, the District and CSC have jointly developed a tool to track progress of each measure adopted within the CERP. This tracker is updated monthly and includes updates such as number and types of projects contracted, funding allocated, project-associated benefits to the community, and other information specific to each measure.

The tracker is shared directly with CSC members ahead of each regularly scheduled CSC meeting and is available on the community webpage in both English and Spanish.

Where feasible, the District will collaborate with Community Based Organizations to assist in outreach efforts to promote the program, gather feedback from participants of the program and assist with providing additional information on and resources for related services and programs.

## **PARTICIPANT REQUIREMENTS**

### **(A) Program Eligibility**

Eligibility for the Residential Air Filtration Program was established as part of a collaborative process with the CSC members who established criteria to prioritize residences with in the community eligible for participation. Awards to eligible residences will be approved on a first-come, first-serve basis with an option for communities to select priority applications.

1. **Eligible Air Filtration Devices (devices)** will meet the following minimum requirements:
  - a. **Certified by the California Air Resources Board** for sale and use in California to ensure that it emits no more than 0.050 parts per million (ppm) of ozone.<sup>1</sup>
  - b. Be **equipped with a true HEPA filter** rated to remove 99.97% of particles measuring 0.3 micrometers or greater; air filtration units using HEPA-like, HEPA-type or non-HEPA filters are not eligible.
  - c. The unit must be **ENERGY STAR certified** to ensure energy-efficient operation.
  - d. The unit's **Clean Air Delivery Rating (CADR) must be certified by the Association of Home Appliance Manufacturers (AHAM)** through AHAM's Portable Electric Room Air Cleaner Certification Program.
  - e. The unit **must have an AHAM-certified CADR value of at least 97 for smoke** (i.e., unit is sized to clean a room 150 square feet or larger).
  - f. Cover, at minimum, 150 square feet
2. **Eligible Costs** – Costs covered by the program include the device cost, replacement filter cost, applicable sales tax, and shipping costs if applicable.

### **(B) Participant Eligibility**

Eligible participants are allowed to submit an application for one (1) device per household.

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<sup>1</sup> List of CARB-Certified Air Cleaning Devices can be found here: <https://ww2.arb.ca.gov/list-carb-certified-air-cleaning-devices>

**Base Eligibility Criteria** for all communities includes:

1. Must reside within the community boundaries.
2. Eligible Participants can include single-family residence, day care facilities and private preschool facilities.
3. Only one (1) application and device per household.

**Optional Eligibility Criteria**, which may be selected by a community to help prioritize residents in the greatest need, as follows:

4. Be low income as indicated by enrolment in any of the following assistance programs:
  - a. CalFresh or Supplemental Nutrition Assistance Program (SNAP)
  - b. Medi-Cal,
  - c. California Work Opportunity and Responsibility to Kids (CalWORKS),
  - d. Supplemental Security Income (SSI),
  - e. State Supplemental Payments (SSP),
  - f. Temporary Assistance for Needy Families (TANF),
  - g. General Assistance (GA),
  - h. General Relief (GR), or
  - i. Housing Choice Voucher Program (HAP)
5. Have children under the age of 18 living at the residence.
6. Have at least one (1) person 65 years of age or older living at the residence.
7. Have one (1) or more persons living at the residence who is diagnosed with a respiratory illness, disease and/or condition such as asthma.

**(C) Application Process**

1. **Application Submittal** - The participant completes the application and submits it to the District along with the proof of residency.
  - a. Acceptable forms of proof include, but are not limited to, Energy bill (PG&E), public utility bill, or cable/internet bill.
  - b. Documentation must be legible and clearly show the applicants name and address along with the issuing companies name.
  - c. Optional Eligibility, if selected by a community to utilize, will be verified through a self-certification process on the application.
  - d. Applications can be completed and submitted, along with supporting document, on the District's on-line application portal.
    - o Participants that do not have internet access can call program staff to receive assist with application submission over the phone.

2. **Application Approval** - The application and supporting documents are reviewed for eligibility.
  - a. The address is mapped and verified to be within the Community boundary
  - b. Address and name are checked against previous application submissions to ensure only one (1) application per household.
  - c. Supporting documents are reviewed for accuracy.
3. **Device Orders** - Approved application information will be provided to the contracted manufactures/vendors to have orders placed. Each application can receive one (1) device and one (1) replacement filter free of charge.
  - a. The device and filter will be shipped by the contracted manufacturer/vendor directly to the applicant's house or designated mailing address.
  - b. **Optional In-Person Events** – Communities can select to hold in-person events for a portion of their funding allocation. Such events will be held at a contracted retailer that is capable of providing inventory to meet program eligibility within the community boundaries. The event will provide a same day receipt of the device. Applications will be collected in advance of the event and eligibility verified as indicated in section C(2). On the day of the event, applicants will be able to receive their device and replacement filter in a drive through format.
4. **Reimbursement** – Contracted manufactures/vendors will submit a complete Claim for Payment to request reimbursement on delivered devices. A complete claim packet is required and must include a completed and signed Claim for Payment Form and copies of invoices for each units and filter ordered. District staff will review submitted claim packets and reimburse the contracted manufactures/vendors directly for eligible costs, which include the negotiated bulk price for the device and replacement filter, applicable sales tax and shipping cost.

#### (D) Increased Outreach - Weatherization

For the Stockton Community only, enhanced outreach efforts and access to programs available for low-income residents in Stockton to receive weatherization services will be conducted. This will involve ensuring the Stockton residents are aware of available programs that may improve their energy efficiency or home weatherization.

### **FUNDING AMOUNTS**

The approved CERP's include the following allocated amounts and estimated number of devices.

Community	Allocation	Est. # of Devices
Stockton	\$1,000,000.00	5,000
South Central Fresno	TBD	TBD
Shafter	TBD	TBD

## PROJECT SELECTION AND REPORTING

Each community can select from the following project selection options:

1. First come, first served determined by the submittal of a complete program application.
2. Priority Population Hybrid – Applicants that meet the community selected optional eligibility requirements listed in section Participant Eligibility (B)(4) of this plan will be prioritized within each batch of order requests sent to the contracted manufactures/vendors followed by applicants that meet the base eligibility only.

The District will report program information in accordance with Community Air Protection program guidelines.

## EMISSION REDUCTIONS

### A) Exposure Reduction Estimation

Air filtration technologies (e.g., stand-alone or portable air filtration units) have shown they reduce exposure to indoor PM and, in some instances, gases or VOCs. As part of the application process, participants will be required to provide information about the residence where the air filtration units will be placed and the specification of the device. District staff will use this information to estimate residents' exposure reduction based on the methodology provided in Chapter E of Quantitative Methodologies to the CAP Incentives 2019 Guidelines<sup>2</sup>. The District will collect and verify this information for each application and report to CARB as part of the AB 617 annual progress reports for CERP implementation required by the Community Air Protection Blueprint.

### B) Qualitative Benefits

The California Climate Investments Funding Guidelines do not identify a qualitative benefit for this measure. However, the District will collect information (e.g., filter efficiency and size of the residence) available for each air filtration project to estimate

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<sup>2</sup> CARB Quantitative Methodologies to the Community Air Protection Incentives 2019 Guidelines  
<https://ww2.arb.ca.gov/resources/documents/quantitative-methodologies-community-air-protection-incentives-2019-guidelines>

the indoor exposure reduction levels. Estimated exposure reduction levels will be based on the air filtration methodology in Chapter E of Quantitative Methodologies to the CAP Incentives 2019 Guidelines.