



Residential Sources Strategies





Concern Category

Residential Sources

Strategy Type

Public Outreach and Education

Strategy

Provide education on the use of non-toxic household products and natural cleaning agents to improve air quality

Actions

- Create outreach materials (e.g. door hanger, pamphlet, etc.) on in-door air quality and how some cleaning, sanitizing and disinfecting products can lower air quality within living spaces, and what actions can be taken to reduce the effects of these products.
- Share information for cleaning products that are certified as meeting the United States Environmental Protection Agency's (U.S. EPA) Safer Product Standards: [U.S. EPA's "Safer Choice"](#) during tabling events.

Goals (Quick)

- Engage and educate the community to share information on in-door air quality, impacts from cleaning products, and safer alternatives.

Estimated Timeline(s)

- **Mid-2027:** Create materials for outreach and engagement
- **End 2027:** Establish a plan to engage with the community and begin outreach
- **2028:** Implement outreach campaign

Tracking Metrics

- # of household/individuals engaged during community events or outreach
- # of product and type of product distributed
- # of events attended

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
Sac Metro Air District	<ul style="list-style-type: none">• Ensure outreach materials are created• Ensure transparent reporting to the Community Steering Committee• Identify and reach out to potential vendors for clean household product samples• Plan and attend community outreach and events
Community Steering Committee	<ul style="list-style-type: none">• Plan and attend community outreach and events• Identify and reach out to potential vendors for clean household product samples

Additional Information

- Indoor air-quality: <https://www.epa.gov/indoor-air-quality-iaq/indoor-pollutants-and-sources>
- Cleaning Products and Air Quality: <https://ww2.arb.ca.gov/resources/fact-sheets/cleaning-products-indoor-air-quality>
- U.S. EPA “Safer Choice”: <https://www.epa.gov/saferchoice>



Concern Category

Residential Sources

- Air Pollution Exposure

Strategy Type

- Incentives
- Public Outreach and Media

Strategy

Establish incentive and equipment checkout programs to expand access for residents within AB 617 boundaries to replace existing gas-powered lawn and garden equipment with zero-emission, battery-electric equipment

Actions

- Create outreach materials on the benefits of battery-electric lawn and garden equipment and information on available grant funding and eligible equipment.
- Conduct public outreach in identified residential neighborhoods, parks, and community centers.
- Partner with various entities to develop a checkout program and host events where residents can try out the equipment.
- Establish partnerships with Community Groups, Manufacturers, Vendors, Recycling Facilities, and Others.
- Develop a streamlined incentive program for interested participants to apply.

Goals (Medium-Term)

- Engage with the community to share information on the incentive and equipment checkout programs, including benefits of using battery-electric lawn and garden equipment.
- Create an equipment checkout program to maximize the number of residents who can use the equipment.
- Create an incentive program for residential battery-electric lawn and garden equipment.

Estimated Timeline(s)

- **Mid 2027:** Establish a plan to engage with the community and begin outreach
- **End 2027:** Establish partnerships and create a checkout program
- **End 2027:** Open incentive application for interested participants
- **Early 2028:** Evaluate the number of participants and continue engaging with the community as needed, pending availability of funds

Tracking Metrics

Check out Program

- Number and type of equipment checked out
- Number of participants, repeated participants
- Optional – demographic information/survey
- Locations of participants who checked out
- Number of events and locations

Incentive

- Number of applications received and awarded, with information on application location
- Types of equipment purchased, replaced
- Number of interested participants and the number of participants who apply for the incentive

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
Sac Metro Air District	<ul style="list-style-type: none">• Maintain regular check-ins with the implementing partner organization• Allocate and track funding spent on projects• Review and approve applications• Conduct community outreach• Ensure transparent reporting
Participating Merchants and Recycling Facilities	<ul style="list-style-type: none">• Conduct community outreach• Provide technical knowledge and support in choosing new equipment for the client• Approve trade-ins• Sell battery-electric equipment• Provide proper documentation to Sac Metro Air District, including invoices and receipts• Oversee program operations
Recycling Facilities	<ul style="list-style-type: none">• Destroy old equipment and recycle metals and other materials• Provide Sac Metro Air District with documentation on the number of pieces of equipment delivered to the facility

Additional Information

- SORE Regulation: <https://ww2.arb.ca.gov/our-work/programs/small-off-road-engines-sore>
- Sac Metro Air District Lawn and Garden webpage: <https://www.airquality.org/Residents/Incentive-Programs/Commercial-Lawn-and-Garden-Program>
- Small Engine Fact Sheet: <https://ww2.arb.ca.gov/resources/fact-sheets/sore-small-engine-fact-sheet>

Electrification of Household Appliances - SMUD Energy Saver Bundle

12/2/2025

Strategy R-3a



Concern Category

Residential Sources

- Indoor Air Quality

Strategy Type

- Incentives
- Public Outreach

Strategy

Provide education and incentives to assist homeowners/renters with electrifying household appliances with a focus on homes or residential complexes built prior to 1980

Actions

- Identify specific neighborhoods or areas and relevant partners (city, county, Sacramento Municipal Utility District [SMUD]) to conduct outreach.
- Engage and educate homeowners and renters to share information on the benefits of using carbon-free appliances and available resources.
 - Share local/regional programs, if available. (e.g. SMUD-Appliance Rebate Programs, City of Sacramento)
- Develop new incentive program to assist qualified residences.
 - Engage with local contractors to determine average cost of conversion.
 - Assist with conversion and infrastructure (electric panels) upgrades.
 - Tiered assistance - Focus on low-income residences, multi-family homes.
- Identify labor unions and apprenticeship school to work with as part of the incentives (e.g. Sacramento Job Corps).
- Coordinate with the local governments to connect requirements with incentives.
- Prioritize at risk or vulnerable communities.

Goals (Medium-Term)

- Assist homeowners and renters in single-family or multi-family housing with replacing natural gas, propane, or wood-burning appliances with efficient carbon-free appliances.
- Provide outreach and education on the benefits of using carbon-free appliances in residential dwellings, particularly focusing on neighborhoods with dwellings built prior to 1980.

Estimated Timeline(s)

- **End 2026:** Establish a plan to engage with the community and begin outreach and education in identified areas; reach out to contractors
- **End 2026:** Work with SMUD or other entities to collaborate on existing programs or other determine areas of partnership for new program
- **2026-2030:** SMUD will open an incentive application for interested participants and begin ordering devices based on estimated interest; arrange for pickup/delivery of devices
- **2026-2030:** Work with interested participants and continue engaging with the community as needed, pending availability of funds

Tracking Metrics

- # of homeowners and multi-family housing unit reached/interested
- # and type of appliances replaced

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
Sac Metro Air District	<ul style="list-style-type: none">• Maintain regular check-in with implementing partner organization• Conduct community outreach
Sacramento Municipal Utility District	<ul style="list-style-type: none">• Share information on existing programs• Participate in outreach and education opportunities in areas identified• Implement SMUD's Energy Saver Bundle Program
Community Steering Committee	<ul style="list-style-type: none">• Help with community outreach and generate leads
Local jurisdictions (City of Elk Grove, City of Sacramento, Sacramento County)	<ul style="list-style-type: none">• Share opportunities and information on local newsletter
Community-based organization; non-profit	<ul style="list-style-type: none">• Participate in outreach and education opportunities• Apprenticeship

Additional Information

- Existing SMUD programs - <https://www.smud.org/Rebates-and-Savings-Tips/Rebates-for-My-Home/Home-Appliances-and-Electronics-Rebates>
- Energy Saver Bundles: Indoor air-quality: <https://www.epa.gov/indoor-air-quality-iaq/indoor-pollutants-and-sources>
- Medical Equipment Discount: Indoor air-quality: <https://www.epa.gov/indoor-air-quality-iaq/indoor-pollutants-and-sources>

Electrification of Household Appliances - Electric Fireplace Insert

Strategy R-3b

12/2/2025



Concern Category

Residential Sources

- Indoor Air Quality

Strategy Type

- Incentives
- Public Outreach

Strategy

Provide education and incentives to assist homeowners/renters with electrifying fireplaces

Actions

- Identify specific neighborhoods or areas and relevant partners to conduct outreach.
- Engage and educate homeowners and renters to share information on the benefits of using electric fireplace inserts and available resources.
 - Share local/regional programs, if available.
- Develop new incentive program to assist qualified residences.
 - Engage with local contractors to determine average cost.
 - Assist with conversion and infrastructure (electric panels) upgrades.
 - Tiered assistance - focus on low-income residences and multi-family homes.
- Identify labor unions and apprenticeship schools to work with as part of the incentives (e.g. Sacramento Job Corps).
- Coordinate with the local governments to connect requirements with incentives.
- Prioritize at risk or vulnerable communities.

Goals (Medium-Term)

- Assist homeowners and renters in single-family or multi-family housing with replacing natural gas, propane, or wood-burning fireplaces with efficient carbon-free appliances.
- Provide outreach and education on the benefits of using carbon-free appliances in residential dwellings, particularly focusing on neighborhoods with dwellings built prior to 1980.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- Establish a plan to engage with the community and begin outreach and education in identified areas; Reach out to contractors
- Work with potential partners to collaborate on existing programs or other determine areas of partnership for new program
- Open incentive application for interested participants and begin ordering devices based on estimated interest; arrange for pickup/delivery of devices
- Work with interested participants and continue engaging with the community as needed, pending availability of funds

Tracking Metrics

- # of homeowners and multi-family housing unit reached/interested
- # fireplaces replaced

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
Sac Metro Air District	<ul style="list-style-type: none">• Maintain regular check-in with implementing partner organization• Conduct community outreach
Sacramento Municipal Utility District	<ul style="list-style-type: none">• Share information on existing programs• Participate in outreach and education opportunities in areas identified
Community Steering Committee	<ul style="list-style-type: none">• Help with community outreach and generate leads
Local jurisdictions (City of Elk Grove/Sacramento, Sacramento County)	<ul style="list-style-type: none">• Share opportunities and information on local newsletter
Community-based organization; non-profit	<ul style="list-style-type: none">• Participate in outreach and education opportunities• Apprenticeship

Additional Information

- Fireplace & Wood Stove incentive programs - <https://www.airquality.org/residents/fireplaces-wood-stoves/low-income-incentive-programs>

Concern Category

Residential Sources

- Air Pollution Exposure

Strategy Type

- Incentives
- Public Outreach

Strategy

Reduce exposure to harmful air quality pollutants and improve indoor air quality at community-oriented locations (e.g. schools, libraries, community centers, cooling centers, etc.) through an air filter replacement/upgrade program

Actions

- Develop and launch an air filter replacement or upgrade program.
 - Improve air quality at specified locations using through High Efficiency Particulate Air [filter] (HEPA) or Minimum Efficiency Rating Values Rating 13 (MERV-13) filters and/or portable air purifiers.
 - Prioritize key-locations that serve vulnerable or sensitive receptors.
 - Distribute new or upgrade existing air filters in targeted community spaces impacted by particulate matter (i.e. schools close to freeways, truck routes, major intersections, railroads, point sources).
- Provide outreach and education on indoor air quality to the public.
 - Create multi-lingual collateral materials for appropriate audiences (schools, community spaces, etc.)
 - Engage with the public through partner events.
- Install indoor air quality sensors.

Goals (Medium-Term)

- Engage with the public to share information on in-door air quality and benefits of using high quality air filters.
- Establish an air filter replacement or upgrade program for qualifying community-oriented locations.
- Improve air quality for sensitive receptors in key-public locations using air filters that are rated MERV-13 or higher, or HEPA.

Estimated Timeline(s)

- **Mid 2028:**
 - With community and prospective participants, develop program framework
 - Establish a plan to engage with the community and begin outreach
 - Reach out to contractors/vendors for quotes on materials/labor
- **Late 2028:** Open incentive application for interested participants and begin ordering devices based on estimated interest; arrange for pickup/delivery of devices
 - Reach out to contractors/vendors for quotes on materials/labor
- **Early 2029:** Evaluate number of participants and continue engaging with the community as needed, pending availability of funds

Tracking Metrics

- # of participants or entities for program
- # of air filters replaced or upgraded
- # of outreach engagement or events

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
Sac Metro Air District	<ul style="list-style-type: none">• Maintain regular check-ins with the implementing partner organization• Ensure transparent reporting to CSC
Community-based organization or non-profit	<ul style="list-style-type: none">• Conduct community outreach• Manage participant list and reporting• Oversee program operations
Local jurisdictions, school districts, or other public community-focused centers	<ul style="list-style-type: none">• Information sharing, events

Additional Information

- Indoor air-quality: <https://www.epa.gov/indoor-air-quality-iaq/indoor-pollutants-and-sources>
- HEPA vs. MERV rating: <https://www.epa.gov/indoor-air-quality-iaq/what-hepa-filter#>
- University of California Davis Health Neighbor Clean Air Program: <https://environmentalplanning.ucdavis.edu/neighbor-clean-air-program>



Concern Category

Residential Sources

Strategy Type

- Incentives
- Public Outreach

Strategy

Improve in-door air quality by establishing a program to provide portable high-filtration air purifiers, prioritizing multi-family unit housing

Actions

- Create a pamphlet on in-door air quality and benefits of using a portable air purifier.
- Conduct public outreach in identified residential neighborhoods and multi-unit housing near freeways or high-traffic streets.
- Develop an incentive program for interested participants to apply.
- Distribute air purifiers or filters in targeted communities impacted by particulate matter.
- Create air filters exchange incentive program.

Goals (Quick)

- Engage and educate the community to share information on in-door air quality and benefits and real cost of using a portable air purifier.
 - Include adverse health impacts as a result of poor air quality exposure.
- Provide portable high-filtration air purifiers to qualifying residents in the high exposure community. Qualifying residents can include single family homes, prioritizing multi-family homes.
 - Air purifiers must be rated Minimum Efficiency Reporting Values Rating 13 (MERV-13) or higher, or High Efficiency Particulate Air [Filter] (HEPA).

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- Establish a plan to engage with the community and begin outreach
- Open incentive application for interested participants and begin ordering devices based on estimated interest; arrange for pickup/delivery of devices
- Evaluate number of participants and continue engaging with the community as needed, pending availability of funds
- Follow up survey to identify potential barriers for people applying for funding

Tracking Metrics

- Number of housing or units reached during engagement
- Number of interested participants and number of participants who apply for incentive funding
- Identification of potential barriers through a survey to determine why people did not apply for incentive funding

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
Sacramento Metropolitan Air Quality Management District	<ul style="list-style-type: none">• Maintain regular check-in with implementing partner organization• Ensure transparent reporting to CSC
Community-based organization or non-profit (i.e. Breathe California Sacramento Region)	<ul style="list-style-type: none">• Conduct community outreach• Manage participant list and reporting• Oversee program operations

Additional Information

- Indoor air-quality: <https://www.epa.gov/indoor-air-quality-iaq/indoor-pollutants-and-sources>
- HEPA vs. MERV rating: <https://www.epa.gov/indoor-air-quality-iaq/what-hepa-filter#>
- University of California Davis Health Neighbor Clean Air Program: <https://environmentalplanning.ucdavis.edu/neighbor-clean-air-program>

Raise Awareness of Proper Mask and Air Purifier Use During Poor Air Quality

Strategy R-6

12/2/2025



Concern Category

Residential Sources

Strategy Type

Public Outreach

Strategy

Raise awareness of proper mask and air purifier use during poor air quality

Actions

- Identify existing materials.
- Partner with Public Health Agencies to develop multilingual and accessible educational materials.
- Work with public health agencies or new partners to distribute educational materials, available in both print and digital formats, that explain when and how to use masks and air purifiers effectively during poor air quality events.
 - Use social and traditional media to share engaging content, including short how-to videos demonstrating proper mask use and air purifier best practices.
- Target outreach in communities and individuals most sensitive to and affected by air pollution.
- Provide partner educational materials to demonstrate proper mask and air purifier use at outreach events.

Goals (Medium-Term)

- Expand community awareness of air pollution and protective actions by promoting the proper use of masks and air purifiers through multilingual educational materials, community partnerships, digital content, and in-person outreach.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- Work with public health to develop multilingual educational materials in multiple languages, to be determined
- Partner with community organizations and local public health agencies and attend # of community events. Obtain # of impressions on social and traditional media posts that promote educational material
- Scale up distribution and outreach by increasing by attending # of community events annually, and # of impressions from digital and traditional media posts

Tracking Metrics

- # of languages in which educational materials are available
- # of impressions generated through social and traditional media posts
- # of community events where educational materials were distributed

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
Sac Metro Air District	<ul style="list-style-type: none">• Promote Educational Materials
Sacramento County of Public Health	<ul style="list-style-type: none">• Develop Educational Materials• Demonstrations
Community Steering Committee	<ul style="list-style-type: none">• Promote Educational Materials