



Community Air Protection Incentives Policies and Procedures Manual

March 17, 2020

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I. Introduction

Assembly Bill (AB) 617 (Chapter 136, Statutes of 2017) directed the California Air Resources Board (CARB), in conjunction with local air districts to establish the Community Air Protection (CAP) Program. AB 617 provides a community focused action framework to improve air quality and reduce exposure to criteria air pollutants and toxic air contaminants in the communities most impacted by air pollution. AB 617 calls for CARB and the air districts to actively engage with members of heavily impacted communities, follow their guidance, and address local sources of concern. AB 617 includes a variety of strategies to address air quality issues in impacted communities, including community-level monitoring, uniform emission reporting across the State, stronger regulation of pollution sources, and incentives for both mobile and stationary sources.

To support the AB 617 effort, the California Legislature has appropriated incentive funding to support early actions to address localized air pollution in the most impacted communities. Between fiscal years 2017-18 and 2018-19, the state budget has appropriated CARB a total of \$495 million of California Climate Investments funding for CAP incentives to be administered by air districts in partnership with local communities. The Legislature expanded the scope of the CAP incentives appropriated in SB 856 to include additional project types.

CARB developed proposed CAP Incentives 2019 Guidelines which contain guiding principles, program administration requirements, and eligibility criteria for new incentives to address the new project categories identified in SB 856. These CAP Guidelines build upon 2018's CAP Funds Supplement to the Carl Moyer Program (CMP) 2017 Guidelines. The Feather River Air Quality Management District (District) will use these two guiding documents, as well as CARB's Carl Moyer Program Guidelines and the District's Carl Moyer Program Policies and Procedures Manual to guide the District's policies and procedures for CAP Incentives projects.

II. Program Timeline (target date unless required by grant agreement)

Date	Goal
Ongoing	Conduct community outreach
March 17, 2020	Release project solicitation
April 6, 2020	Update FRAQMD Board on AB 617 and program
April 17, 2020	Initial applications due
April 20, 2020	Project list posted on District website
By May 1, 2020	Submit Grant Disbursement Request to CARB
July 2020	Supplemental applications requested
September 2020	Supplemental applications due
October 2020	Final project list posted on District website
By December 31, 2020	Project contracts mailed
By June 30, 2021	100% of FY18-19 project funds under contract
December 31, 2021	Projects completed
By June 30, 2022	100% of FY18-19 CAP Incentive funds liquidated

III. Eligible Project Categories

The guidelines allow CAP Incentive Funding to be used for Carl Moyer Program (CMP) eligible projects, Proposition 1B Program eligible projects, Hexavalent Chromium Plating Facility projects, and Reducing Air Pollution in Schools projects. The District has selected to fund CMP projects and Reducing Air Pollution in Schools projects.

A. Carl Moyer Program Eligible Projects

The Community Air Protection Funds Supplement (CAPFS) to the CMP 2017 Guidelines provides the requirements and funding levels for funding Carl Moyer Program eligible projects using CAP Incentives. If selected, these projects will be administered using the District’s Carl Moyer Program Policies and Procedures Manual. The CMP 2017 Guidelines included funding caps and maximum eligible costs for the specific project types. The CAPFS adopted revised caps and costs for certain CAP Incentive projects. Table 1 shows the maximum funding amounts for Carl Moyer Program eligible projects under the Community Air Protection Program that were modified by the CAPFS. All other project types should refer to the CMP 2017 Guidelines for caps and costs.

Table 1: Maximum Percentage of Eligible Cost and District Funding Caps for Specific Project Types That Differ from Carl Moyer Guidelines

Category	Project Type	Community Air Protection	
		District Funding Cap	Maximum Eligible Cost
On-Road	School Buses	None	100%
	Transit Buses	None	95%/90%/60%*
	HHD Vehicles	None	95%/90%/60%*
	MHD Vehicles	None	95%/90%/60%*
	LHD Vehicles	None	95%/90%/60%*
	Emergency Vehicles	None	90%
Off-Road	Repower to Zero-Emission	None	95%
	Repower to Diesel/LSI	None	95%
	Mobile Equipment Replacement	None	90%
	Portable Equipment Replacement	None	90%
Infrastructure	Any Infrastructure Project	None	60%
	Any Infrastructure Project Located at a Sensitive Receptor ¹	None	100%
	Projects with solar/wind power systems	None	75%
	Public School Bus Battery Charging and Alternative Fueling	None	100%

*Percentages are for fleets of 1-3 vehicles, 4-10 vehicles, and over 10 vehicles, respectively.

For the FY18/19 CAP Incentives, the District will solicit the following CMP eligible projects:

a. On-road Heavy-Duty Vehicles

The following projects are eligible for CAP Incentives administered by the District provided that state and local requirements are met:

- Heavy-duty trucks diesel to zero-emission on-road vehicle replacement.

¹ Sensitive receptors include schools, hospitals, day care centers, and such other locations as the air districts or CARB may determine (H&SC § 42705.5(a)(5)).

- Emergency vehicle, transit vehicle, solid waste collection vehicle, or school bus replacement to diesel, CNG, or zero-emission replacement vehicle.
- Conversions and engine re-powers to zero-emission.

b. Off-Road Equipment

The following projects are eligible for CAP Incentives administered by the District provided that state and local requirements are met:

- Off-road equipment replacement to diesel or zero-emission.
- Off-road engine repower.
- Retrofit purchase and installation on existing off-road diesel equipment.

c. Zero Emission Infrastructure

The following infrastructure projects are eligible for CAP Incentives administered by the District:

- Infrastructure associated with an equipment or vehicle project.
- New battery charging station, hydrogen, or CNG fueling station not associated with an equipment or vehicle project.
 - Only stations not accessible to the public can apply at this time.

B. Reducing Air Pollution in Schools

These project categories are designed to decrease exposure and address a range of outdoor and indoor air emission sources that may potentially affect the health of school children. The District may fund a project or projects at schools in disadvantaged communities or low-income communities. These project categories will be administered by this Policies and Procedures Manual with guidance from Chapter 5 of the Community Air Protection Incentives 2019 Guidelines.

a. Air Filtrations Systems

Air filtration reduces the concentration of particulate contaminants from indoor air and is an important component of a school’s Heating Ventilation and Air Conditioning (HVAC) system. Reducing airborne particles (such as PM2.5) is important because particulate matter negatively impacts human health, especially for sensitive populations such as children. Older HVAC systems and basic air filtration used in some schools only remove a small fraction of particles in the air that are smaller than 0.3 microns (µm). More efficient HVAC air filters and standalone air cleaners are important for creating healthier air in school classrooms. Table 2 shows the maximum funding amounts for this project type.

Table 2: Funding Amounts for Air Filtration Systems

Type of Equipment	Funding Amount
Air Filters (MERV 14+)	Up to 100%
Standalone Systems	Up to 90%

b. Zero-Emission Lawn and Garden

The use of internal combustion lawn and garden equipment to maintain schoolyards and sporting fields exposes children and equipment operators to elevated levels of air toxics and criteria air pollutants. This project type provides incentives to schools in disadvantaged communities or low-income communities and contractors servicing those public schools to purchase zero-emission L&GE less than 19 kilowatts (or 25 horsepower) such as lawn mowers, chainsaws, leaf blowers, trimmers, etc. Table 3 shows the maximum funding amount for this project type.

Table 3: Zero-Emission Lawn and Garden Equipment Types and Funding Amounts

Equipment Type	Equipment Funding Amount	Funding Amount for Additional Batteries and/or Charger
Chainsaws/Polesaws, Edgers, Trimmers, Blowers/Vacuums	70 percent of purchase price up to \$400	70 percent of purchase price up to \$400
Walk-Behind Mowers	70 percent of purchase price up to \$750	70 percent of purchase price up to \$750
Ride-On or Standing Ride Mowers	70 percent of purchase price up to \$15,000	Not Eligible

IV. Project Selection

The District will use the Guiding Principles included in the CAP Incentives 2019 Guidelines to help select projects that meet the goals of the Community Air Protection Program and AB 617. These Guiding Principles include:

- Reducing emissions in disadvantaged and low-income communities, with a goal of 70% of funds benefitting disadvantaged communities and 80% of funds benefitting low-income communities;
- Considering toxic air contaminant, criteria air pollutant, and greenhouse gas benefits;
- Applicants ability to successfully implement the project;
- Engaging communities and providing support;
- Providing emission reductions in excess of laws or regulations;
- Prioritizing zero-emission technology and infrastructure;
- Considering special projects that protect sensitive receptors;
- Ensuring transparency in project selection and reporting;
- Considering both cost-effectiveness and relative exposure reduction in funding decisions.

A. Community Engagement

The District has conducted community outreach to determine the types of projects the communities are most concerned with in regard to air quality. The District will provide direct outreach to groups of potential applicants in disadvantaged and low-income communities to increase awareness of funding opportunities. The District may also conduct outreach in or near disadvantaged communities to seek input on important community needs from local residents and community-based organizations. Community outreach information will be documented for inclusion in disbursement requests and semi-annual reports. Priorities identified by community members and organizations will be documented.

A map of Disadvantaged Communities (SB 535 (De León, Chapter 830, Statutes of 2012)) and Low-income Communities (AB 1550 (Gomez, Chapter 369, Statutes of 2016)) is available at <https://ww3.arb.ca.gov/cc/capandtrade/auctionproceeds/lowincomemapfull.htm>.

B. Project Solicitation

The District will open a one-month solicitation period in the spring of 2020 to accept project initial proposals. The District will make the required documents and guidelines available to the public on the District website as well as at the District office. Proposals will be reviewed, and the applicant will be notified within 30 working days of receipt of the completeness of the proposal. Proposals will be tracked in the CARL database as well as in an excel spreadsheet.

Outreach for project solicitation will include press releases to local media and outreach to the potential applicants and community groups involved in the community engagement process.

Initial project applications will be posted on the District's website.

Applicants will submit a more detailed supplemental application for projects that are deemed eligible. The supplemental application will request information necessary to calculate cost-effectiveness of the project and perform the project ranking.

C. Project Ranking

The District will prioritize eligible projects based on the following criteria (from highest priority to lowest priority):

- a. Projects in disadvantaged communities addressing a primary community need as determined based on community engagement.
- b. Projects in low-income communities addressing a primary community need as determined based on community engagement.
- c. Projects located outside of disadvantaged communities and low-income communities that may benefit these communities.
- d. Eligible projects located outside of disadvantaged communities and low-income communities.

Projects within each priority level will be ranked based on cost-effectiveness or the number of students to benefit from the project for Schools projects. The timeliness of project completion may also factor into project ranking. Public agencies and non-profit agencies will be preferred applicants.

D. Approval of Projects

The District will post a proposed list of projects on the District's website 10 days prior to approval. The Air Pollution Control Officer shall consider community feedback and project ranking prior to selecting projects.

E. Award Notification

The District will mail all applicants a list of the approved projects. A list of approved projects and awardees will also be posted on the District's CAP webpage.

V. Project Management

A. Pre-Inspections

After selecting a potential project, the District will complete a pre-inspection prior to contract execution. Pre-inspections for CMP eligible projects will follow the District's CMP Policies and Procedures Manual.

The pre-inspection for school air filtration projects will include photos of the current in-use air filtration system, in-use filters, and the space to benefit from the project. The pre-inspection for school lawn and garden equipment will include photos of the equipment to be replaced.

All pre-inspections will include other relevant information including, but not limited to, name of inspector, date of inspection, name of equipment owner, and location and area of operation of the equipment.

B. Contract Development

Once pre-inspections are completed and the equipment is verified as being eligible for funding (if needed, through a compliance check with CARB), the District will develop a grant contract. Grant contracts for CMP eligible projects will be developed in accordance with the District's CMP Policies and Procedures Manual.

Contracts for school projects will include the general requirements included in Chapter 5 of the CAP Incentives 2019 Guidelines, party names and dates, contact information for both parties, requirements regarding co-funding, contract term, project completion date, funding amount, project specifications including information on existing and new equipment, compliance statements, maintenance requirements, reporting requirements, recordkeeping requirements, provisions to allow audits and inspections, and repercussions for nonperformance.

The applicant has sixty (60) calendar days after receiving the contract to review, sign, and return the contract with all requested supporting documentation. If a contract and associated supporting documentation is not returned within sixty (60) calendar days, funds may be allocated to another project. Written requests for an extension may be approved on a case by case basis by the APCO.

An applicant may not order or make a down payment on a new engine, piece of equipment, or vehicle prior to contract execution. Dealers ordering engines, equipment, or vehicles prior to air district approval of grant application awards assume all financial risk and are in no way ensured program funds.

C. Post Inspections

The District will gather and document post-inspection information on all projects funded with CAP incentives prior to payment to the grantee. Post-inspections for CMP eligible projects will follow the District's CMP Policies and Procedures Manual.

The post-inspection for air filtration projects at schools will verify the following information, as applicable: Air filter and/or system manufacturer, model, MERV rating, pollutant removal efficiency (percentage), usage life, size, and filter materials. The post-inspection for school lawn and garden projects will include photos of the new zero-emission equipment and destroyed combustion equipment. All post-inspections will verify that new equipment is consistent with the grant contract.

D. Project Completion

The District will make payment for a project or equipment only after the post-inspection finds the project or equipment in place and operational, and the air district receives an invoice itemized in sufficient detail to ensure that only completed and eligible project costs are reimbursed, a W-9 has been received as applicable, and other sources and amounts of funding for the project are reviewed to ensure the sum of all project funds does not exceed the total project cost. For multi-stage projects, partial payments may be approved on a case-by case basis and is described in the contract. The District will maintain a clear record of progress payment in the project file and in the administration fiscal database.

If any portion of the equipment purchase requires financing, the Program Participant shall provide the financing terms to the District before the District issues payment. A minimum of the full Contract amount shall be used as a down payment. The amount financed may not exceed the applicant's portion of the cost of the project.

An applicant that is not a public entity must provide at least 15 percent of a project's CMP eligible cost. The applicant cost share cannot be covered through in-kind contributions.

E. Air District Audit of Projects

The District will conduct audits of projects funded with CAP incentives. On an annual basis these audits will include five percent of active projects or 20 active projects (whichever is less). These conducted audits are to include any projects with unsatisfactory annual reporting.

F. Nonperforming Projects

The District will work with nonperforming project grantees to ensure CAP Incentives project requirements are met and emissions reductions are achieved. Air districts may consider unforeseen circumstances beyond the grantee's control in determining repercussions for nonperformance.

If the District is not successful in gaining grantee compliance with the usage and program requirements specified in a contract, the District will make all reasonable efforts to recapture

CAP incentives from the grantee, in consultation with CARB. Recaptured funds will be reassigned to projects that achieve the shortfall in emissions reductions or usage. The District's efforts to recapture funds may be guided by circumstances such as suspected or actual fraud or misuse of funds, the amount of CAP incentives involved, or the ability of the grantee to repay the funds.

VI. Project Records

The following items will be maintained in the project file(s) until three years after the contract term:

- a. Applications and/or project proposals including receipt date;
- b. Project ranking and selection criteria as applicable;
- c. Correspondence;
- d. Pre & post inspection forms;
- e. Project invoices;
- f. Annual reports;
- g. Any usage waivers.

Administrative records, including project implementation costs, invoices, contracts, and personnel and payroll records will be retained for a minimum of five (5) years following the funds liquidation deadline for the grant.

Applications for unfunded projects must generally be kept a minimum of two (2) years following the solicitation period, or two years from receipt if there is not a specified solicitation period.

VII. Reporting

A. Annual Grantee Reporting

The District will request annual reports commencing no later than 18 months after project post-inspection and continuing annually thereafter throughout the project implementation phase of the contract. The District will include the dates the grantee annual report is due. CMP eligible projects will use existing reporting templates included in the CMP Policies and Procedures Manual.

School air filtration projects will report the estimated hours of use and average number of people in the room during use. Reporting will also include a statement of any performance and maintenance issues. School composite wood product projects will report the approximate average class size as well as the number of hours the room is in use.

The District will review the annual report for completeness, accuracy, and reported usage, and will maintain in the project file a copy of the report that is initialed and dated by the reviewing staff. If an annual report is incomplete, inaccurate or not received from the grantee on schedule, the air district will make a reasonable attempt to obtain a complete and accurate report from the grantee. If the air district is unable to obtain the report, the air district will identify the project for audit. Grantees that have not submitted complete required reports will not be granted funds for new CAP incentives projects until all reports are satisfactorily submitted.

B. District Reporting

Twice a year the District will report to CARB. The District will submit a Yearly Report in the fall and a Mid-Cycle Report in the spring. CARB will provide instructions for both reports. The District will complete, certify, and submit these reports by the dates specified in Table 4 below.

Table 4: Community Air Protection Incentives Reporting Dates

Date	Action
May 31	Mid-Cycle Report (Projects Nov 1 - April 30) due to CARB
June 30	CARB submits data to CCIRTS
November 29	Yearly Report (Projects May 1 – October 31) due to CARB
December 31	CARB submits data to CCIRTS

The District will also report project information in the CARL database, either via CARL forms or batch import, sufficient to populate the required data fields and to calculate covered emissions reductions and cost effectiveness for source categories where required. The District will ensure that information in CARL is complete, correct, and supported by documentation.

Reporting for CAP incentives projects may be updated to reflect program changes and California Climate Investments reporting requirements. In the event of a conflict, the California Climate Investments reporting requirements will take precedence. No later than six months after the District fiscal year end, the air district will append to its Yearly Report financial statements displaying revenues and expenditures related to projects funded by CAP incentives, in formats consistent with GAAP.

VIII. Fiscal Administration

CAP incentives must be accounted for as separate funds or have separate project IDs within the air district's general ledger following Generally Accepted Accounting Principles (GAAP). An air district receiving a total allocation of one percent or more of all fiscal year 2018-19 CAP incentives must use a Special Revenue Fund for CAP incentives accounting. Other air districts may use a Trust Fund. CAP Incentives grants are voluntary non-exchange transactions to the air district. As such the District should recognize revenues in the fiscal period when all eligibility requirements have been met and the resources are available. For reference see Governmental Accounting Standards Board (GASB) Statements 33 and 34.

A. Advanced Payment

The District will place advance payment funds in an interest-bearing account and track interest accrued on the advance payment. Interest earned on the advance payment will only be used for eligible grant-related expenses or will be returned to CARB.

The District will report to CARB the value of any unused balance of the advance payment and interest earned. The District will remit to CARB any unused portion of the advance payment and interest earned within 90 days following the end date of the grant.

The District will complete and submit to CARB for review and approval, an Air District Advance Payment Request Form, along with each grant disbursement that is requesting advance payment.

B. Project Implementation Costs

Allowable expenditures for administrative and implementation costs associated with the grant are divided into direct project costs and indirect project costs. Air districts must keep records of project implementation costs that include all necessary staff and tasks to implement the project. If appropriate, this includes activities such as outreach and education, research, data management, and reporting.

Direct project costs are the direct project labor and expenses associated with the project, and include, but are not limited to, the following: Personnel costs and fringe benefits, travel expenses, external consultant and third-party contract fees for direct support, Printing, records retention, and mailing associated with staff working on the project.

Indirect project costs are administrative costs not tied directly or solely to the project such as distributed administration and general administrative services; non-project related contracts or subscriptions; rent and office space, phones and telephone services, printing, or mailing services not associated with staff working on the project; or any other costs that are not directly and fully incurred to support the grant. Indirect project costs may not exceed 4 percent of the total grant amount.

C. Financial Statements

Financial statements containing, at a minimum, the following account balances and transaction classes, as applicable, will be prepared at least annually:

- a. Cash and Cash Equivalents (cash, investment pools, petty cash);
- b. CAP Incentives Revenue Receivable (grant funding from CARB);
- c. Recapture Revenue Receivable (recapture funds receivable from grant participants for unmet contractual obligations);
- d. Accounts Payable (vendor invoices pending for CAP incentives projects);
- e. Fund Balance (restricted for Projects and Administrative costs);
- f. Revenue Subsidiary Ledgers;
- g. CAP Incentives Project Revenue;
- h. Administration and Operating Revenue;
- i. Recapture Revenue;
- j. Interest Revenue;
- k. Project Expenditures (from CAP incentives grants, recapture, salvage, interest);
- l. Administration and Operating Expenditures including indirect costs;
- m. CAP incentives air district money returned to CARB for reallocation;
- n. Transfers In/Out.

D. Interest Revenue

The District will maintain accounting records that tracks the grant's interest earned on CAP incentives separately from other incentive fund programs. The calculation of interest earned will be based on a daily balance or some reasonable and demonstrable method of allocating the proceeds

from the interest-generating account back into the program; and will be consistent with how it is calculated for the District's other fiscal programs. Interest earned will only be used for eligible grant-related expenses as specified in applicable guidelines, including administration up to the portion provided for in the grant agreement, or be remitted to CARB.

Earned interest must be fully expended or returned to CARB if it is not used by the end of the grant performance period. The District will report in the Yearly Report interest earned on all CAP incentives during the previous fiscal year. Documentation of the interest earned must be retained for a minimum of three years following its generation and liquidation.

IX. Coordination with CARB

CARB has assigned a staff liaison for each district. The liaison assigned to the District as of February 11, 2020, is:

Deborah Paselk, Air Pollution Specialist
Mobile Source Control Division
Incentives & Technology Advancement Branch
1001 I Street
Sacramento, CA 95814
916-323-1534
deborah.paselk@arb.ca.gov

District staff currently responsible for implementing the CAP Incentives program include: the APCO, the Administrative Services Officer, the Air Quality Planner, and an Air Quality Specialist. District staff will document any correspondence with CARB staff regarding CARB interpretations, clarification, guidance or possible deviations from the CAP Incentives 2019 Guidelines. All documentation will be kept in the CAP Incentives project files and should be retained for at least three (3) additional years after the last year of the District's participation of this program.

X. CARB Oversight

The District will comply with all oversight responsibilities identified in the CAP Incentives 2019 Guidelines, any future Program Advisories and Mail-Outs, and Grant Agreements.

CARB or its designee reserves the right to audit at any time during the duration of this grant the District's costs of performing the grant and to refuse payment of any reimbursable costs or expenses that in the opinion of CARB or its designee are unsubstantiated or unverified. The District will cooperate with CARB or its designee including, but not limited to, promptly providing all information and documents requested, such as all financial records, documents, and other information pertaining to reimbursable costs, and any matching costs and expenses.

CARB or its designee may recoup funds which were received based upon misinformation or fraud, or for which a District, manufacturer or project participant is in significant or continual non-compliance with the terms of this grant or State law.

XI. APCO Approval

This version of the Feather River Air Quality Management District's Policies and Procedures Manual for Community Air Protection Incentives is approved by:



Christopher D. Brown, AICP
Air Pollution Control Officer



Date

XII. Incorporated and Guidance Documents

On-road Application

Off-road Application

General Application

Program Flyers (Air Filtration in Schools, Zero-Emission Lawn and Garden Equipment at Schools, Zero-Emission Infrastructure)

Carl Moyer Program Policies and Procedures Manual

Carl Moyer Program 2017 Program Guidelines

Community Air Protection Funds Supplement to the Carl Moyer Program 2017 Guidelines

Community Air Protection Incentives 2019 Guidelines

Community Air Protection Grant Agreements with CARB



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Christopher D. Brown, AICP
Air Pollution Control Officer

ON-ROAD VEHICLE APPLICATION

Agency/Company Name: _____

Mailing Address: _____

Physical Address (if different from above): _____

Contact Person Name: _____ Title: _____

Phone Number: _____ Fax Number: _____

E-Mail Address: _____

FUNDING REQUESTED

\$ _____

TOTAL PROJECT COST

\$ _____

OTHER FUNDING SOURCES (GRANTS OR INCENTIVES)

\$ _____ Source: _____

\$ _____ Source: _____

\$ _____ Source: _____

PROJECT TYPE (check one)

- Emergency Vehicle Transit Vehicle Solid Waste Collection Vehicle
 Heavy-Duty Truck Other: _____ School Bus

Authorized Representative who will sign the Grant Agreement:

Name:	Title:
Signature of Representative:	Date:

Applicant Funding Disclosure:

Has the engine or vehicle in this application been awarded funding or is being considered for funding from another public agency? If yes, please provide agency name, amount of funding, and status of application for funding:

Application Statement:

All information provided in this application will be used by the FRAQMD to evaluate the eligibility of your proposed project to receive grant funding. The FRAQMD reserves the right to request additional information and can deny the application if such requested information is not provided. An incomplete application is an application that is missing information critical to the evaluation of the project. If the applicant does not respond within 30 days, the application will be automatically terminated.

- I certify to the best of my knowledge that the information contained in this application is true and accurate.
- I certify that the existing vehicles/equipment/engines referred to in this application are operational.
- I understand that all technologies must either be verified or certified by CARB to reduce Oxides of Nitrogen and/or other criteria pollutants.
- I understand that there will be conditions upon receiving grant funding and agree to refund these funds if it is found that at any time the conditions/contract are not met, and if so directed by the District.
- I understand as a participant that programs have limited funds and shall terminate upon depletion of those funds. The FRAQMD shall be under no obligation to honor requests received following depletion of program funding. I acknowledge that in accepting any incentive funding, I will be prohibited from applying for any other form of emission reduction credits from the District.
- In the event that the project does not complete the minimum term of any agreement eventually reached from this application I agree to return to the FRAQMD a pro-rated portion of incentive received based on activity and/or usage up to and including the full amount of the original incentive provided as directed by the FRAQMD. I understand that the FRAQMD may relieve this obligation to return the funds depending on the circumstances.
- I understand I must be in compliance with all applicable federal, state, and local air quality rules and regulations.

Authorized Signature

Date

Authorized Representative's Name

Title

ON-ROAD VEHICLE PROJECT TYPES

- *Heavy-Duty Diesel Trucks Replaced with Zero Emission Trucks*
 - *Zero emission only, no diesel to diesel truck replacement projects*
- *Transit Bus Replaced with Diesel or Zero Emission Transit Bus*
- *Emergency Vehicles Replaced with Diesel or Zero Emission Vehicles*
- *School Bus Replaced with Diesel or Zero Emission School Bus*
- *Repower/Conversions from Diesel to Zero Emission*

EXISTING VEHICLE INFORMATION

Are you applying to replace two existing vehicles with one new vehicle? If yes, attach a second page for vehicle #2 information.	
Existing Vehicle Type:	
Existing Vehicle VIN:	
Annual Miles Traveled in 2019:	
Annual Miles Traveled in 2018:	
Has at least 51% of the total usage been in California?	
Does the vehicle operate in an <u>SB 535</u> area? If yes, please indicate address or lat/long coordinates: https://ww3.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm	
Does the vehicle operate in an <u>AB 1550</u> area? If yes, please indicate address or lat/long coordinates: https://ww3.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm	
Existing Vehicle Manufacturer:	
Existing Vehicle Model:	
Existing Vehicle Model Year:	Existing Vehicle License Plate:
Existing Vehicle Odometer:	Existing Vehicle GVWR:
Existing Engine Manufacturer:	Existing Engine Model:
Existing Engine Serial Number:	Existing Engine Horsepower:
Existing Engine CARB Executive Order Number:	
Existing Engine Fuel Type:	
Existing Engine Model Year:	Existing Engine Fuel:

If applying to replace two existing vehicles for one new vehicle, complete one page for each existing vehicle.

NEW VEHICLE INFORMATION

New Vehicle Manufacturer:	
New Vehicle VIN, ID Number, or License Plate (if known):	
New Vehicle Model:	New Vehicle Fuel Type:
New Vehicle Model Year:	New Vehicle GVWR:
New Vehicle Type:	Estimated Date of Delivery:
New Engine Manufacturer:	New Engine Model:
New Engine Model Year:	New Engine Horsepower:
New Engine CARB Executive Order Number:	

Submit Attachments Now or Later with Supplemental Application:

- i. Conclusive documentation of the existing mileage, such as logbooks, maintenance records, or CHP inspection reports.*
- ii. Copy of the existing vehicle title. The title must show no active lienholders.*
- iii. Copy of existing vehicle registration showing registration in CA for previous 24 months.*
- iv. Proof of insurance for previous 24 months.*
- v. Existing engine Executive Order.*
- vi. New vehicle quote from vender.*
- vii. New vehicle warranty information.*
- viii. New engine/retrofit Executive Order.*

OPTIONAL FUEL INFRASTRUCTURE

Complete the following to include infrastructure for a natural gas, hydrogen, or battery electric charging station to this vehicle project. For infrastructure projects not associated with a vehicle project, please complete the Infrastructure Application instead.

Fueling station address/city/ZIP:
Is the location owned by applicant?
Have all land use permits to install station been obtained?
Total estimated cost (attach estimate):
For locations not owned by applicant, provide documentation of owner's approval.



541 Washington Avenue
 Yuba City, CA 95991
 (530) 634-7659
 FAX (530) 634-7660
www.fraqmd.org

Christopher D. Brown, AICP
 Air Pollution Control Officer

OFF-ROAD EQUIPMENT APPLICATION

Agency/Company Name: _____

Mailing Address: _____

Physical Address (if different from above): _____

Contact Person Name: _____ Title: _____

Phone Number: _____ Fax Number: _____

E-Mail Address: _____

FUNDING REQUESTED

\$ _____

TOTAL PROJECT COST

\$ _____

OTHER FUNDING SOURCES (GRANTS OR INCENTIVES)

\$ _____ Source: _____

\$ _____ Source: _____

\$ _____ Source: _____

PROJECT TYPE

- Off-road Equipment Replacement
- Off-road Engine Repower
- Retrofit Purchase
- Other: _____

Authorized Representative who will sign the Grant Agreement:

Name:	Title:
Signature of Representative:	Date:

Third Party Certification

Complete this section only if someone completed the application, in whole or in part, on behalf of the applicant.

Print name of third party:	Amount paid to third party:
Signature of third party:	Date:

Off-road engine repower or retrofit projects can select any authorized dealer and may submit the following along with this application:

- Proof of liability insurance
- Itemized quote for new engine or retrofit
- Executive order for new engine or retrofit
- Optional: documentation of usage for past 24 months
- If applicable: co-funding information/documentation

If this information is not submitted with the initial application, a supplemental application will be requested later in 2020 prior to project approval.

Off-road Equipment Replacement Projects must purchase new equipment from dealer currently under agreement to participate in the Equipment Replacement Program, which include:

Dealership	Address	City	Contact	Phone*	Email
Beeler Tractor Co	887 Onstott Road	Yuba City	Mike Dihel	673-3555	craigprosales@live.com
Chico Farm and Orchard	9 Three Sevens Lane	Chico	Tom Dixon	893-9060	chicofarm@gmail.com
COE Orchard Equipment	3453 Riviera Road	Live Oak	Stacie Mackay	695-5121	Stacie.MacKay@coeshakers.com
Garton Tractor	275 Co Road 98	Woodland	Chris Arend	615-2828	carend@gartontractor.com
Holt Ag Solutions	95 W Kentucky Ave	Woodland	Jack Gabel	707-580-5793	jgabel@holtags.com
Holt of California	7310 Pacific Avenue	Pleasant Grove	Rob Cram	916-921-8956	rcram@holtca.com
Holt Ag Solutions	2950 Colusa Hwy	Yuba City	Terry Zerkovich	218-0767	tzerkovich@holtags.com
Holt Ag Solutions	851 N Tehama Street	Willows	Eric Peters	774-5496	epeters@holtags.com
Holt Ag Solutions	1210 Richvale Hwy	Richvale	Bob Gaschke	682-6192	bgaschke@holtags.com
Holt Ag Solutions	426 4 th Street	Williams	Tim Vaughn	682-6193	tvaughn@holtags.com
Industrial Power Products	355 East Park Drive	Chico	Rob Rice	893-0584	rrice@ipp-power.com
N & S Tractor	3056 Colusa Hwy	Yuba City	Bryan Ehresman	923-7675	behresman@nstractor.com
Orchard Machinery Corp	2700 Colusa Hwy	Yuba City	Joe Wells	300-5555	jw@shakermaker.com
Pape Machinery	2850 El Centro Road	Sacramento	Dennis Kibbe	916-597-8059	dkibbe@papemachinery.com
Valley Truck and Tractor	2100 State Hwy 20	Colusa	Daniel (Wally) Emery	458-4923	wemery@vtco.net
Valley Truck and Tractor	1549 Colusa Hwy	Yuba City	Garrett, Ryan, or Travis	673-4615	gpeacock@vtco.net ; roneal@vtco.net ; tbaker@vtco.net
Valley Truck and Tractor	17698 Hwy 113	Robbins	Michael Cardoza	738-4421	mcardoza@vtco.net
Valley Truck and Tractor	1751 Hwy 99	Gridley	Jesse Ryan	846-3677	jryan@vtco.net
Wilkinson International	1207 E. Kentucky Avenue	Woodland	Aaron Lampman	662-7373	aaron@wilkinsoninternational.com

* Area code is (530) unless noted

Checklist for Off-road Equipment Replacement Projects (to be submitted now or with supplemental application later):

- 1) Completed Application
- 2) Evidence that the business is covered by liability insurance
- 3) Two years of usage data is provided by either:
 PREFERRED Hour meter readings in table in section A.6 of this Application; or
Or
 24 months of documentation showing usage of equipment are attached
- 4) **Proof of Existing Equipment Ownership, Operation, and Residency in CA**
 Bill of sale from dealership or business authorized to sell equipment (private party not accepted)
Or
If no bill of sale, or only a private party bill of sale, provide the following for previous 24 months:
 Tax depreciation logs listing the equipment
Property tax records listing the equipment
Equipment insurance records
Bank appraisal for equipment
Maintenance/service records with receipts
General ledgers
- 5) **Documentation to Show Equipment Was Operational For Previous 12 months (submit 1):**
 Revenue and usage records with operational, standby, and down hours for equipment
Or
 Routine inspections which document the operating condition of the existing equipment (OSHA or workplace required)
Or
 Employee time sheets linked to equipment usage
Or
 Preventive maintenance records tied to specific usage hours for equipment
Or
 Repair work orders specific to equipment
- 6) Replacement Engine ARB Certification (Executive Order) **From Dealer**
- 7) Replacement Equipment Price Quote & Spec Sheet **From Dealer**
- 8) Replacement Engine & Drive Train Warranty Documents **From Dealer**

OFF-ROAD APPLICATION

Complete each section. If the question does not apply (for example: asking for a fax number but you do not have a fax number) mark the answer as "n/a" for not applicable. This application is to be used for incentive funds for off-road equipment replacement. Applicant acknowledges that award is conditional upon approval of the District and must meet the minimum eligibility criteria.

A. Project Information	
1. Project Life: <input type="radio"/> Maximum Eligible (see Note below) <input type="radio"/> Other: _____	2. Funding Requested: <input type="radio"/> Maximum (65% up to \$180,000) <input type="radio"/> Other: _____
3. Percent of the year that equipment operates in California (0-100%):	
4. Name of the counties in which the equipment operates and percent operation in each:	
5. Is the equipment used in agricultural operations? (defined as the growing/harvesting of crops, raising plants at wholesale nurseries, or raising fowl/animals for the primary purpose of making a profit, providing a livelihood, or conducting ag research or instruction by an educational institution)	
6. For Equipment Replacement projects, the two years of usage requirement is fulfilled by either: <input type="radio"/> Hour meter readings listed in table below; or <input type="radio"/> Equipment does not have a working hour meter and 24 months of documentation showing usage is attached to this application.	
Hour Meter Reading	Date of Reading
2018	
2019	
2020	
7. Annual usage in hours:	
8. Has this equipment operated within a low-income community or disadvantaged community as designed by the State of California during the previous 2 years? If yes, please identify which ones by listing addresses or lat/long coordinates.	
<small>Note: Maps of low-income communities and disadvantaged communities are available at https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm. Operation within such communities will not affect grant program eligibility – the data is used for reporting purposes only.</small>	

- The maximum project life for all off-road CI equipment replacement projects is five years with the following exceptions:
1. The maximum project life for excavators, skid steer loaders, and rough terrain forklifts (as defined in Appendix B: Definitions) is three years.
 2. The maximum project life for crawler tractors, off-highway tractors, rubber tired dozers, and workover rigs (as defined in Appendix B: Definitions) is seven years.
 3. The maximum project life for all off-road non-farm LSI equipment replacement projects is three years.
 4. The maximum project life for replacement of an LSI forklift with a zero emission forklift is ten years. See Chapter 9 section (C)(1)(C)(4) for c/e calculations for this type of replacement.
 5. The maximum project life for off-road farm equipment is ten years. Air districts must offer a 10 year project life for farm equipment; however, applicants may request a project life less than 10 years.

B. Existing Equipment Information

1. Equipment Type/Function:

2. Equipment Make:

3. Equipment Model:

4. Equipment Model Year:

5. Equipment Serial Number:

6. Equipment Identification Number (*unique number designated by the applicant*):

7. Number of Main Engines on this Equipment:

8. Primary Equipment Location

Street:

City:

State:

Zip:

9. Engine Family:

10. Engine Make:

11. Engine Model:

12. Engine Model Year:

13. Engine Horsepower:

14. Engine Serial Number:

15. Engine Fuel Type:

16. Does the applicant rent/lease forklift to others (*if applicable, for Large Spark Ignition only*)?

17. Forklift Class (*if applicable, for Large Spark Ignition only*):

18. Has the engine or equipment listed in this application applied for Carl Moyer Program funding, or any other incentive funding, by you or on your behalf?

Yes

No

If "Yes," complete the following:

Agency applied to:

Date and/or number of Agency

Solicitation:

Was the equipment awarded funding:

Amount of funding awarded/received:

19. Please list any other financial incentive applied for or received, including tax credits or deductions, grants, or other public financial assistance for the equipment:

C. New Equipment/Engine Information (fill in applicable sections)	
1. Projected Date of Purchase & Delivery of New Equipment or Installation of Engine/Retrofit:	
2. New Equipment Make:	
3. New Equipment Model:	4. New Equipment Model Year:
5. New Equipment Serial Number:	6. Number of Main Engines on this Equipment:
7. New Engine Family:	
8. New Engine Make:	
9. New Engine Model:	10. New Engine Model Year:
11. New Engine Serial Number:	
12. New Engine Horsepower:	13. New Engine Tier:
13. Retrofit Make/Model/Executive Order #:	

D. Regulatory Compliance Statement	
As an applicant/participant, I declare that (check only one):	
<input type="checkbox"/> 1. _____ (Company Name) is in compliance with, and will remain in compliance with, and does not have any outstanding or unresolved Notices of Violation (NOV) or Notices to Comply or any unpaid settlements for alleged violations of any federal, state, and local air quality regulations including, but not limited to, the following: <ul style="list-style-type: none"> • In-Use Off-Road Diesel Vehicle Regulation • Stationary Engine ATCM • Any Other Diesel Air Toxic Control Measures • Statewide Truck and Bus Regulation • Portable Diesel ATCM • Local District Regulations 	
Or,	<input type="checkbox"/> 2. _____ (Company Name) is not in compliance with, or cannot remain in compliance with, or does have an outstanding or unresolved Notices of Violation (NOV) or Notices to Comply or any unpaid settlements for alleged violations of any federal, state, and local air quality regulation. <p><i>A declaration must be attached to this document describing in detail the non-compliance or NOV, explaining the reason for the non-compliance or NOV and declaring the reasons why the applicant/participant believes their application should be considered.</i></p>

By signing below and submitting this application, I hereby certify under penalty of perjury that the information in the application and attachments is accurate and true.

Signature

Date

Name

Title

An applicant who is found to have applied for or received incentive funds from another entity or program for the same equipment or engine without disclosing that information shall be disqualified from funding for that project from all sources within the control of an air district or CARB. The air district or CARB may also seek penalties for such non-disclosure.



Cap and Trade
Dollars at Work



COMMUNITY AIR PROTECTION INCENTIVES

GENERAL APPLICATION

Agency/Company Name: _____

Mailing Address, City, State: _____

Physical Address (if different from above): _____

Contact Person Name: _____ Title: _____

Phone Number: _____ Fax Number: _____

E-Mail Address: _____

Authorized Representative who will sign the Grant Agreement:

Authorized Representatives Title: _____

PROJECT TYPE

- Air Filter Panel at School
- Zero-Emission Lawn/Garden at School
- Zero-Emission Infrastructure
- Standalone Air Ventilation Unit at School
- Other: _____

The Community Air Protection Funds 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. Projects will be selected based on benefit to disadvantaged or low-income communities, amount of emission reductions, and applicant’s ability to successfully implement the project. For more information visit <https://www.fragmd.org/community-air-protection-program>.

The General Application should be received by 5:00 pm on Friday, April 17, 2020. Applications can be faxed to (530) 634-7660, emailed to fragmd@fragmd.org, mailed or dropped off at the District. Additional information will be requested by the Feather River Air Quality Management District to determine eligibility and funding levels for applicants submitting General Applications by the deadline who meet the funding criteria of the Community Air Protection Incentives 2019 Guidelines.

GENERAL APPLICATION

Complete each section. Applicant acknowledges that award is conditional upon approval of the District and must meet the minimum eligibility criteria.

Project Information

1. Is the project located within a low-income community or disadvantaged community as designed by the State of California? If yes, please identify which ones by listing addresses or lat/long coordinates.

Note: Maps of low-income communities and disadvantaged communities are available at <https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm>. Operation within such communities will not affect grant program eligibility – the data is used for reporting purposes only.

2. If the project is not located within, does it benefit a low-income or disadvantaged community? If yes, please describe how.

3. Estimated cost of project. Attached quotes if available.

4. Describe co-funding available or applied for this project.

5. Generally describe the project. For example, for zero-emission lawn and garden projects at schools, list equipment to be replaced. For stand-alone zero-emission infrastructure projects, list type, number of units, and charging ports. For air filtration at schools projects, list number of units and type of units. Attach additional pages as needed.

As an applicant/participant, I declare that (check only one):

1. _____ (Agency or Company Name) is in compliance with, and will remain in compliance with, and does not have any outstanding or unresolved Notices of Violation (NOV) or Notices to Comply or any unpaid settlements for alleged violations of any federal, state, and local air quality regulations including, but not limited to, the following:

- In-Use Off-Road Diesel Vehicle Regulation
- Stationary Engine ATCM
- Any Other Diesel Air Toxic Control Measures
- Statewide Truck and Bus Regulation
- Portable Diesel ATCM
- Local District Regulations

Or,

2. _____ (Agency/Company Name) is not in compliance with, or cannot remain in compliance with, or does have an outstanding or unresolved Notices of Violation (NOV) or Notices to Comply or any unpaid settlements for alleged violations of any federal, state, and local air quality regulation.

A declaration must be attached to this document describing in detail the non-compliance or NOV, explaining the reason for the non-compliance or NOV and declaring the reasons why the applicant/participant believes their application should be considered.

By signing below and submitting this application, I hereby certify under penalty of perjury that the information in the application and attachments is accurate and true.

Authorized Representatives Signature

Date

Name

Title

An applicant who is found to have applied for or received incentive funds from another entity or program for the same project without disclosing that information shall be disqualified from funding for that project from all sources within the control of an air district or CARB. The air district or CARB may also seek penalties for such non-disclosure.

Third Party Certification

Complete this section only if someone completed the application, in whole or in part, on behalf of the applicant.

Print name of third party:	Amount paid to third party:
Signature of third party:	Date:



Community Air Protection Incentives

Zero-Emission Infrastructure Projects

Eligible projects are those that provide power or fuel to on-road vehicles and off-road equipment, and include, but are not limited to:

- Battery Charging Station: new, conversion of existing, and expansion to existing non-residential battery charging stations that are not accessible to the public (e.g. workplace charging).
- Alternative Fueling Station: new, conversion of existing, and expansion to existing hydrogen and natural gas fueling stations that are not accessible to the public.

Who Can Apply:

Public and private entities are eligible to apply unless otherwise stated. Public entities include but are not limited to State, metropolitan, county, city, multi-county special district (e.g. water district), school district, university, and federal agencies and organizations. Private entities include but are not limited to private organizations and corporations. Out of State applicants are eligible to apply provided that the infrastructure is situated in Yuba or Sutter counties.

Project Type	Max % of Eligible Cost
Any infrastructure project	60%
Projects with solar/wind power systems	75%
Any infrastructure project located at a sensitive receptor (school)	100%
Public school bus battery charging or alternative fueling	100%

How to Apply:

Submit a General Application by April 17, 2020. Eligible projects will submit a second, more detailed application later in 2020. Projects should be completed by December 31, 2021. See reverse for program details, including the items that must be submitted as part of the more detailed application. Projects will be selected based on benefit to disadvantaged or low-income communities, amount of emission reductions, and applicants ability to successfully implement the project.

For more information visit <https://www.fraqmd.org/community-air-protection-program>.

Feather River Air Quality Management District

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Serving Sutter and Yuba Counties

The Community Air Protection Funds 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 disadvantage communities.

Additional Information About Zero-Emission Infrastructure Projects

General Criteria For All Projects:

- (A) The project must be installed and located in Yuba or Sutter County, California. (B)
- (B) The project must comply with all applicable federal, State, local laws and requirements including environmental laws, and State building, environmental and fire codes. For instance, air districts may need to perform CEQA review and obtain approval prior to funding a project. (C)
- (C) A publicly accessible infrastructure project must be solicited and selected through a competitive bidding process that has been approved by the air district board. The District Board is in the process of adopting a competitive bidding process, but until that time only non-publicly accessible infrastructure projects are eligible
- (D) Work must be performed by a licensed contractor. (E)
- (E) Equipment and parts must be new. Remanufactured or refurbished equipment and parts are not eligible. (H)
- (F) Except for stationary agricultural pump projects, a completed Uniform Commercial Code-1 Financing Statement Form must be submitted by the air district to the California Secretary of State for infrastructure projects with a grant funding amount of \$50K or greater. The financing statement must list the air district as the secured party. 2.

Additional Criteria for Battery Charging Stations:

- (A) Chargers must be a level 2 and higher to support non-residential stations.
- (B) Charger must be certified by a Nationally Recognized Testing Laboratory (e.g., Underwriter's Laboratories, Intertek) located at <https://www.osha.gov/dts/otpca/nrtl/nrtllist.html>. (D)
- (C) Equipment must have at least a one year warranty.

Additional Criteria for Alternative Fueling Stations:

- (A) Equipment must have at least a three year warranty.

Applicant Requirements:

- (A) The applicant must be able to demonstrate to the air district that the applicant can obtain all required land use permits from agencies needed to install and operate the station.
- (B) Applicants must demonstrate that they either own the land on which the project will be located, or control it through a long-term lease, easement or other legal arrangement, for the duration of the project life. For a proposed project where the land is not owned by the applicant, an executed lease agreement or letters of commitment lasting for the duration of the project life must be signed by property owners/authorized representatives and must be submitted with the application.
- (C) Applicants must be able to provide documentation that power or fuel is being provided to the site (e.g. application, payment to the local utility company for power installation, or contract).
- (D) All projects must have a minimum project life of three years.
- (E) Maximum project life is 15 years, except stationary agricultural pump electrification projects which have a maximum project life of ten years.
- (F) The applicant must sign a contracts with the District.
- (G) Grantee must report all battery charging station installations to the Department of Energy Alternative Fuel Data Center located at <http://www.afdc.energy.gov/locator/stations/>.
- (H) For hydrogen fueling stations, grantee must register and report to the Station Online Status System (SOSS) maintained by the California Fuel Cell Partnership (www.cafcp.org). In addition, grantee must abide by the requirements of the reporting system.
- (I) For infrastructure projects that incorporate solar or wind power generating equipment, the grantee must annually provide to the air district the amount of electricity generated (e.g. kilowatt-hour) from the solar or wind power generating equipment for the duration of the project life.
- (J) For battery charging stations, grantee must annually provide to the air district the following data for the entire project life:
 - 1. Qualitative description of uses.
 - 2. Annual usage per charger (e.g., kilowatt-hour) and the number of plug-in events.
 - 3. Any unscheduled downtime, including duration of downtime and causes of downtime.
- (K) For Alternative Fueling Stations, grantee must annually provide to the air district the following data for the entire project life:
 - 1. Annual usage (e.g., kilograms, standard cubic feet).
 - 2. Any unscheduled downtime, including duration of downtime and causes of downtime.



Community Air Protection Incentives

Air Filtration Projects at Schools

Air filtration reduces the concentration of particulate contaminants from indoor air and is an important component of a school's Heating Ventilation and Air Conditioning (HVAC) system. Reducing airborne particles (such as PM 2.5) is important because particulate matter negatively impacts human health, especially for sensitive populations such as children. Older HVAC systems used in some schools only remove a small fraction of particles in the air that are smaller than 0.3 microns (μm). More efficient HVAC air filters and standalone air cleaners are important for creating healthier air in school classrooms.

Eligible New Equipment:

- (A) Air filter panels with a MERV of 14 or greater.
- (B) Standalone air ventilation unit with a MERV of 14 or greater and with a noise threshold at or below 45 decibels. Portable air cleaning units must include a clean air delivery rate (CADR) for tobacco smoke (0.09-1.0 μM) that is appropriate for the classroom size.

Funding Amounts:

Type of Equipment	Funding Amounts
Air Filters (MERV 14+)	Up to 100%
Standalone Systems	Up to 90%

How to Apply:

Submit a General Application by April 17, 2020. Eligible projects will submit a second, more detailed application later in 2020. Projects should be completed by December 31, 2021.

See reverse for program details, including the items that must be submitted as part of the more detailed application. Projects will be selected based on benefit to disadvantaged or low-income communities, amount of emission reductions, and applicants ability to successfully implement the project.

For more information visit <https://www.fraqmd.org/community-air-protection-program>.

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Additional Information About Air Filtration Projects At Schools

Applicant must maintain equipment in a manner suitable for the type of air filtration equipment selected. The maximum project life is five years. In the case of air filtration system projects, the project life represents the number of years that the project will support the purchase of new filters, in addition to the span of time that participants must submit normal annual reporting requirements to air districts.

The second application in Fall 2020 will collect the following information for air filtration projects submitting a General Application by April 137 2020, who are screened to be eligible for Community Air Protection funding:

- A. An impact assessment must be conducted by the equipment owner or an HVAC engineer to ensure that the new filtration will not adversely affect the existing HVAC system(s). The assessment must include the following:
- (1) HVAC information such as type of system and associated MERV rating filter.
 - (2) Estimated hours of use (based on normal duty-cycle) and maintenance downtime.
 - (3) Number of classrooms and students per classroom where air filtration is to be upgraded.
 - (4) Size (length, width, and height) of each room to be upgraded.
 - (5) Potential increase in energy costs for the new filtration (annual kilowatt-hr * dollars / kW-hr = annual cost).
 - (6) If available, the total ventilation (m3 /hr) for old and new air filtration systems.
- B. Current in-use air filter information:
- (1) Manufacturer.
 - (2) Model.
 - (3) Old equipment MERV rating and PM removal efficiency (percentage), if available.
 - (4) Filter life (number of filters changed annually).
 - (5) Size of filter: Length x Width x Height.
 - (6) Filter material, if known.
 - (7) Duration of filters being changed, if applicable.
- C. Current in-use air filtration system, if applicable:
- (1) Annual usage (e.g., kilowatt-hour) (hours of use).
 - (2) Manufacturer.
 - (3) Model number.
 - (4) MERV rating.
 - (5) Pollutant removal efficiency (percentage).
 - (6) Type of system.
 - (7) Any unscheduled downtime, including duration of downtime and causes of downtime.
 - (8) Service/maintenance.
 - (9) Warranty.

New Equipment Information:

The air district must perform a post-inspection prior to payment of grant funds. The information below must be collected on the application and verified during the post-inspection. The inspection form may include photographs, copies of invoices that contain the new filter rating, and contractor's and/or installer contact information (including installation date, inspector's name, and school name).

(A) Air Filters:

- (1) Manufacturer.
- (2) Model.
- (3) New equipment MERV rating and PM removal efficiency (percentage), if available.
- (4) Annual usage/filter life (number of filters changed annually).
- (5) Size.
- (6) Filter material.
- (7) Duration of filters being changed, if applicable.

(B) Standalone Air Filtration System:

- (1) Manufacturer.
- (2) Model number.
- (3) MERV rating (or certify HEPA if portable air cleaner).
- (4) Clean air delivery rate (CADR).
- (5) Pollutant removal efficiency (percentage).
- (6) Type of system.
- (7) Ventilation rate.
- (8) Any unscheduled downtime, including duration of downtime and causes of downtime.
- (9) Service/maintenance.
- (10) Warranty.

Reporting:

Participants must report the following information annually:

- (A) Estimated number of hours of use, and people in the room during use.
- (B) Statement of any performance issues that occurred with the funded equipment as well as maintenance issues.



Community Air Protection Incentives

Zero-Emission Lawn And Garden Projects at Schools

The use of internal combustion Lawn and Garden Equipment (L&GE) to maintain schoolyards and sporting fields exposes children and equipment operators to elevated levels of air toxics and criteria air pollutants. This project type provides incentives to schools in disadvantaged communities and contractors servicing those public schools to purchase zero-emission L&GE less than 19 kilowatts (or 25 horsepower) such as lawn mowers, chainsaws, leaf blowers, trimmers, etc.

Eligible Equipment and Funding Amounts:

Equipment Type	Funding Amount	Funding Amount for Additional Batteries/Charger
Chainsaws/Polesaws, Edgers, Trimmers, Blowers/Vacuums	70% of purchase price up to \$400	70% of purchase price up to \$400
Walk-Behind Mowers	70% of purchase price up to \$750	70% of purchase price up to \$750
Ride-On or Standing Rice Mowers	70% of purchase price up to \$15,000	Not Eligible

How to Apply:

Submit a General Application by April 17, 2020. Eligible projects will submit a second, more detailed application later in 2020. Projects should be completed by December 31, 2021.

See reverse for program details, including the items that must be submitted as part of the more detailed application. Projects will be selected based on benefit to disadvantaged or low-income communities, amount of emission reductions, and applicants ability to successfully implement the project.

For more information visit <https://www.fraqmd.org/community-air-protection-program>.

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Serving Sutter and Yuba Counties

Additional Information About Air Filtration Projects At Schools

The second application in Fall 2020 will collect the following information for air filtration projects submitting a General Application by April 17, 2020, who are screened to be eligible for Community Air Protection funding:

- (A) List of existing equipment type (make, model, year, fuel type) to be replaced.
- (B) Number of equipment (per equipment type) to be replaced.
- (C) Number of batteries purchased.
- (D) Number of chargers purchased.
- (E) Proof of residence or driver's license.

Project Eligibility Requirements:

- (A) Equipment must be purchased from a manufacturer-authorized retailer or dealer, including hardware and home improvement stores, either brick-and-mortar or online.
- (B) Equipment must be new, not used or previously owned or factory reconditioned.
- (C) New zero-emission L&GE purchased must be of the same type as the internal combustion equipment it replaces.
- (D) Equipment must have a minimum of one-year manufacturer warranty.

Participant Requirements:

- (A) Participants contracting with a school must provide to the air district a copy of the contract/ agreement and/or a written consent form from the school acknowledging their participation in the program.
- (B) Participants must possess and maintain all appropriate business licenses for lawn and garden service.
- (C) Participants must agree to destroy or render permanently inoperable the old equipment in accordance with the air district requirements.

Participants must commit to utilizing the equipment for a minimum of three years from date of purchase or date of delivery.