

San Diego APCD Heavy Duty Equipment Grant Program Webinar

11/09/2020



These programs are partially funded through the California Climate Investments, a statewide program 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.

Grants Overview

- Summary
- Eligibility
- Available Funding
- Process / Timeline
- Moyer, FARMER, CAPP, GMERP/Prop 1B
- Evaluation
- Action Items to Take
- Useful Resources and Websites
- How to Apply Online

Grant Program Summary

- Program to close Dec 4, 2020 @ 5pm
- Reimbursement Grant Program
- Fund surplus emission reductions
- Newer equipment
 - Certified Tier 4 Final engine or electric
 - Like-for-like
- Existing equipment will be scrapped



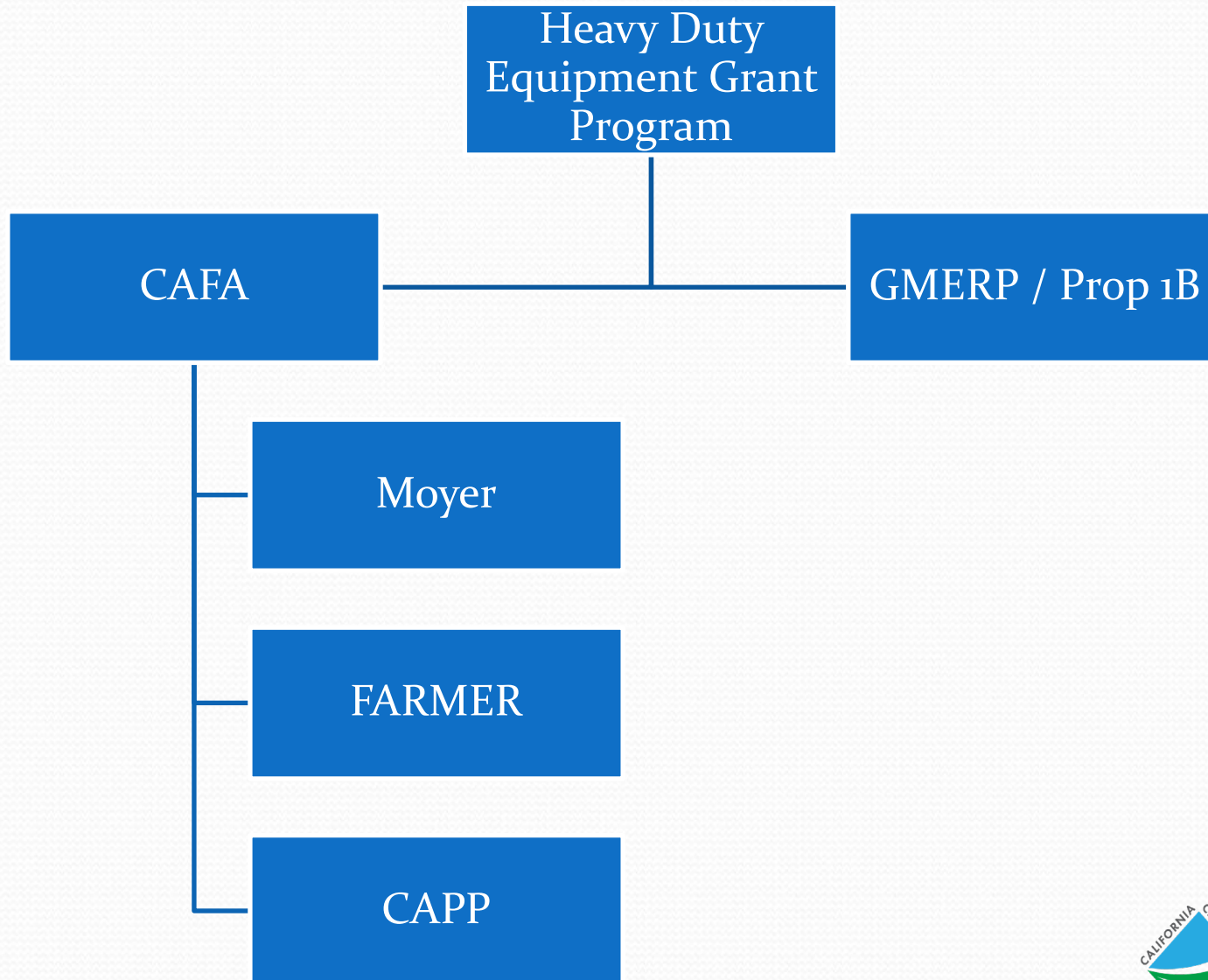
Eligible Equipment Types



Eligible Equipment Types

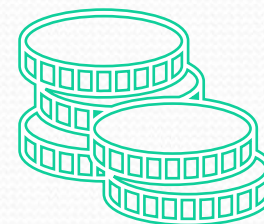
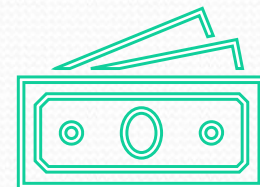


Grant Programs of Interest

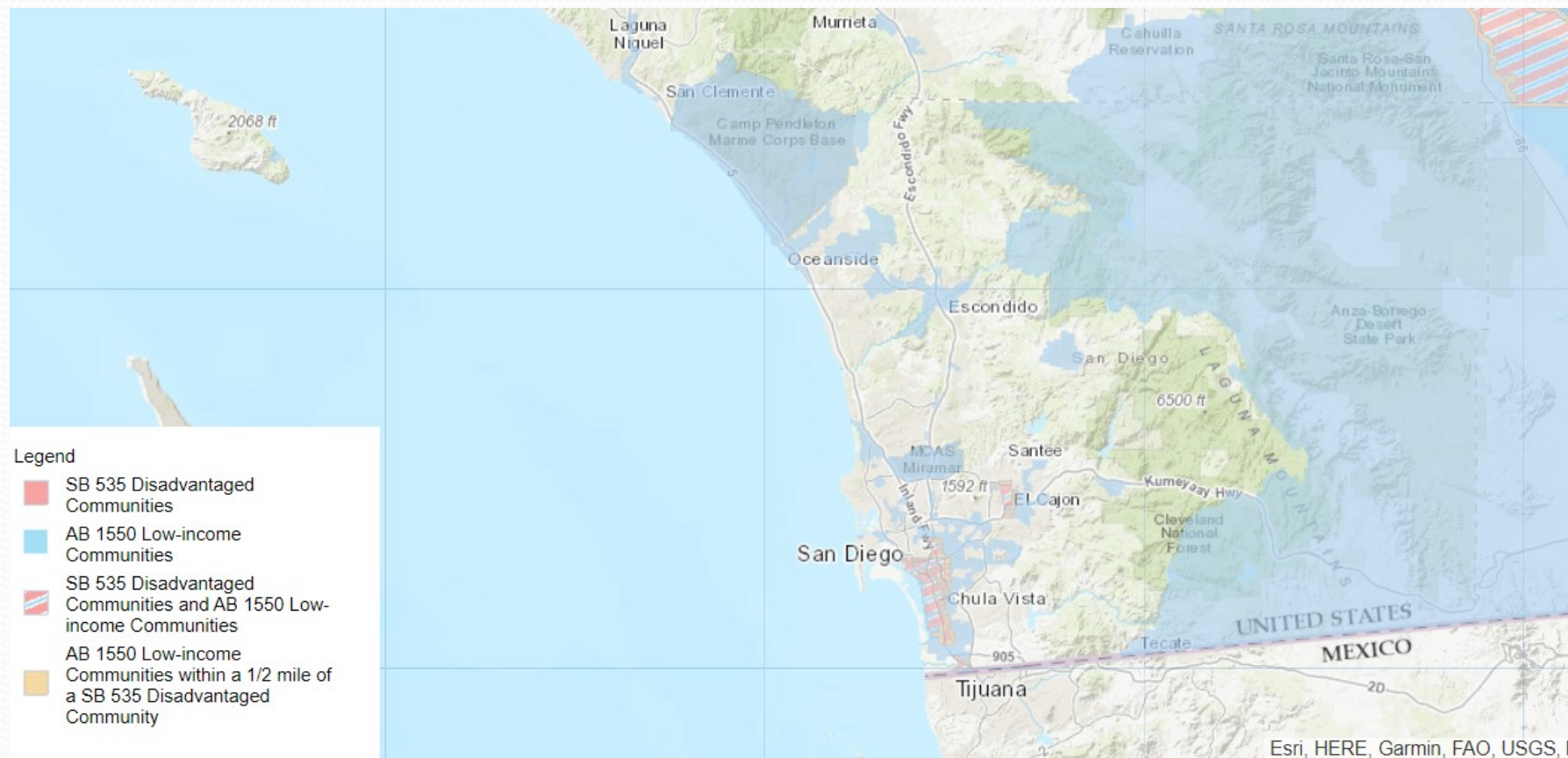


Grant Programs of Interest

- **CAFA** – Clean Air for All
 - **Moyer** - Carl Moyer Program
 - \$5.5M
 - **FARMER** - Funding Agricultural Replacement Measures for Emission Reductions
 - \$0.5M
 - **CAPP** – Community Air Protection Program
 - \$16M
 - Disadvantaged and Low-Income Communities
- **GMERP** – Goods Movement Emission Reduction Program
 - \$4.3M
 - On-road heavy-duty diesel vehicles that move goods over 50% of the time



Disadvantaged and Low-Income Communities



<https://ww3.arb.ca.gov/cc/capandtrade/auctionproceeds/lowincomemapfull.htm>



Maximum Grant Funding

Equipment Type	Project	Max Grant Funding*
Off-road Equipment	Replacement	80% of eligible costs
Agricultural Utility Terrain Vehicle (UTV)	Electric Replacement	75% of eligible costs
Infrastructure	Charging & Alternative Fueling Stations, Agricultural Pump Electrification	65% of eligible costs
On-road Trucks (> 14,000 GVWR)	Replacement	80% of eligible costs; Up to \$200,000 for GMERP-eligible trucks

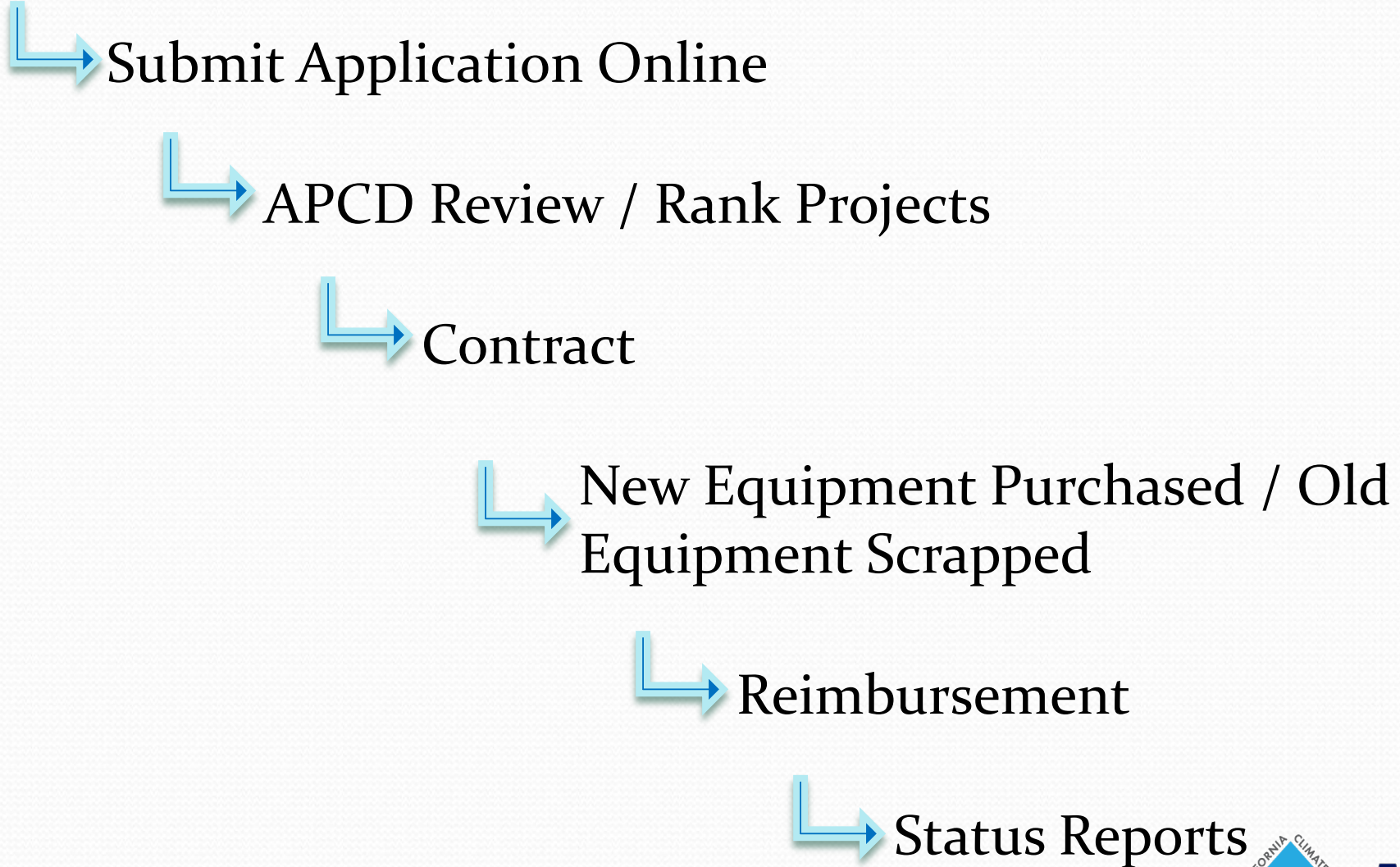
* Please refer to Notice of Funding Availability on our webpage for more information:
<http://tinyurl.com/sdapcd-moyer> & <http://tinyurl.com/sdapcd-gmerp>

Maximum Grant Funding

Equipment Type	Project	Max Grant Funding*
Marine Vessels	Repower	85% of eligible costs
Locomotives	Repower or Replacement	85% of eligible costs
Zero-emission School Buses	Replacement	100% of eligible costs
Public School Projects	*	100% of eligible costs

* Please refer to Notice of Funding Availability on our webpage for more information:
<http://tinyurl.com/sdapcd-moyer> & <http://tinyurl.com/sdapcd-gmerp>

Grant Process



Minimum Eligibility

- Minimum project eligibility requirements include, but not limited to:
 - Equipment must operate at least 75% within CA and at least 50% within San Diego County*
 - Replacement equipment operational by May 31, 2022*
 - 24 months of existing equipment ownership
 - In compliance with air quality regulations

*Requirements for on-road heavy-duty vehicles may vary



CAFA: Off-Road Eligibility

- Eligibility is dependent on fleet size and regulatory compliance –
 - Agriculture equipment and small fleets still eligible for diesel replacement(Tier 4 final).
 - Large and medium non-ag fleets eligible for diesel replacement only if compliant with 2023 requirements.
 - Everybody ok for zero-emission.



FARMER: Off-Road Agricultural Equipment

Eligibility

In addition to projects applicable in the Carl Moyer Program:

- UTV Replacement
 - Existing UTVs/ATVs must be:
 - Gas- or diesel-powered.
 - New UTV must be electric
 - Towing capacity of 500 lbs or greater
 - Total vehicle weight of 700 lbs or greater
 - With a 1-yr drivetrain warranty



CAFA: On-Road Eligibility

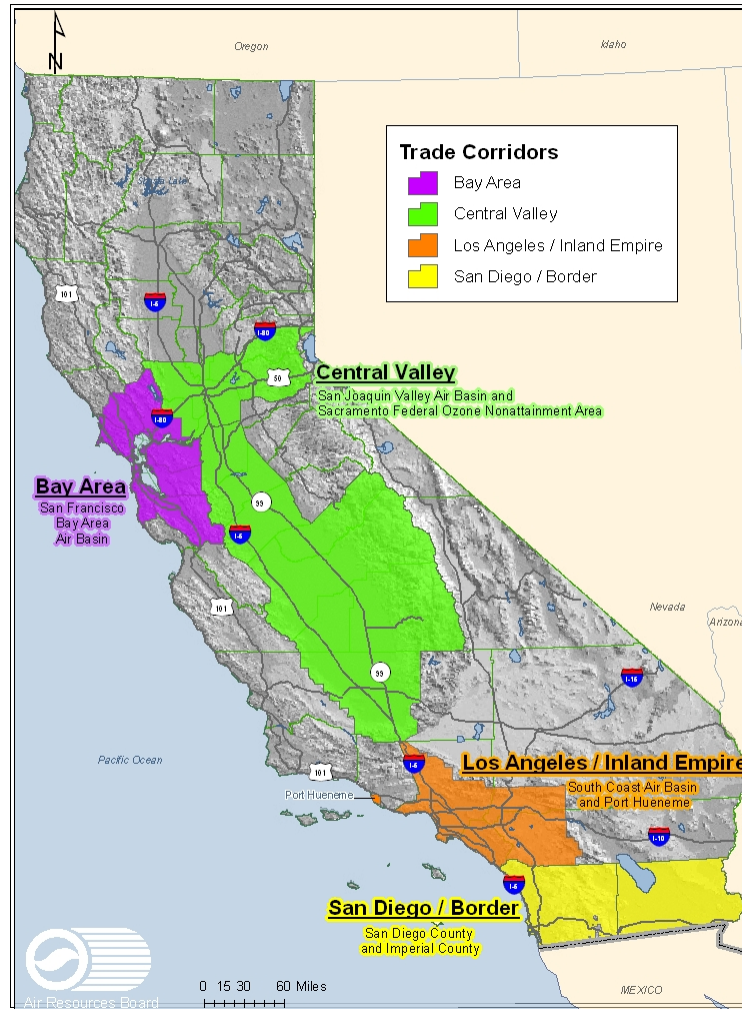
- Class 4 – 8 (GVWR 14,001+ lbs)
- At least 1 year of surplus compliance with applicable CARB rules
 - Truck & Bus, Drayage, Solid Waste Collection Vehicle, etc.
- Proof of vehicle ownership and CA registration for the past 2 years
- Fleets with more than 10 vehicles must replace with low NOx or zero emission

GMERP: On-Road Eligibility

- Existing Vehicle
 - Move goods at least 50% of time
 - Class 5 – 8 (GVWR: 16,001+ lbs)
 - Operate at least 10% in SD/Border Trade Corridor
 - Minimum annual CA miles traveled
 - Class 5/6 – 10,000
 - Class 7/8 – 20,000

GMERP: On-Road Eligibility

Trade Corridors



GMERP: On-Road Eligibility

- Replacement Vehicles
 - Meets low NOx standard
 - E.g., CNG, Zero Emission
- Commit to operate at least:
 - 90% within California and
 - 50% within four trade corridors

CAFA: Marine Engine Repower Eligibility

- Eligibility
 - Existing engines
 - 25 hp (19 kW) or greater
 - In compliance with Commercial Harbor Craft Regulation (if applicable)
 - New engines must be Tier 3 or Tier 4 diesel marine engine



CAFA: Locomotive Eligibility

- Eligible Tier 4 Project Types
 - Locomotive Replacement
 - Locomotive Engine Repower
 - Head End Power Unit (HEP) Repower



CAFA: Infrastructure Eligibility

- Eligibility:
 - Project must support equipment or vehicles covered under the 2017 Moyer Guidelines
 - Except Light-duty vehicles
- Applicable Projects
 - Non-residential charging and alternative fueling stations (Hydrogen, Natural Gas)
 - Stationary irrigation agricultural pump electrification
 - Marine shore power (Shore-side electrification)

CAPP: School or Stationary Projects

Eligibility

- Stationary sources of air pollution
 - Must be approved by California Air Resources Board in case-by-case determination – may affect project timelines
- School projects in CAPP communities
 - Air Filtration
 - Composite Wood Furniture
 - Lawn and Garden Equipment

CAPP: School Projects

- Schools
 - Zero-emission lawn and garden equipment – up to 70% of purchase price
 - Composite wood products – 90 or 100% of incremental cost of purchase, depending on type.
 - Air Filtration – 90 or 100% depending on type

CAFA: Evaluation Criteria

- Disadvantaged and low-income communities – Moyer at least 50% of funds, CAPP at least 70%
- Prioritize zero-emission equipment
- Cost-effectiveness ranking

Action Items - What You Need To Do Now

1. Sign-up for APCD email listserv
2. Create an online application account
3. Review APCD's "Preparing for an Upcoming Solicitation" webpage
4. Gather usage documentation for the past 24 months
 - *Hour meter records, mileage, etc.*
5. Proof of equipment ownership for the past 24 months
 - *Bill of sale, title, or other approved documentation*

Action Items - What You Need To Do Now

5. Gather vehicle and engine information
 - *Model numbers, serial numbers, horsepower, engine families, etc.*
6. Take photos of engine and equipment serial labels/tags (must be legible)
7. Meet with vendors or dealers about proposed new equipment
8. **Apply!**

**Applications due Friday
December 4, 2020 @ 5:00 p.m.**

Want to find out more?

- Sign-up for APCD email listserv to be notified when funding opportunities are available

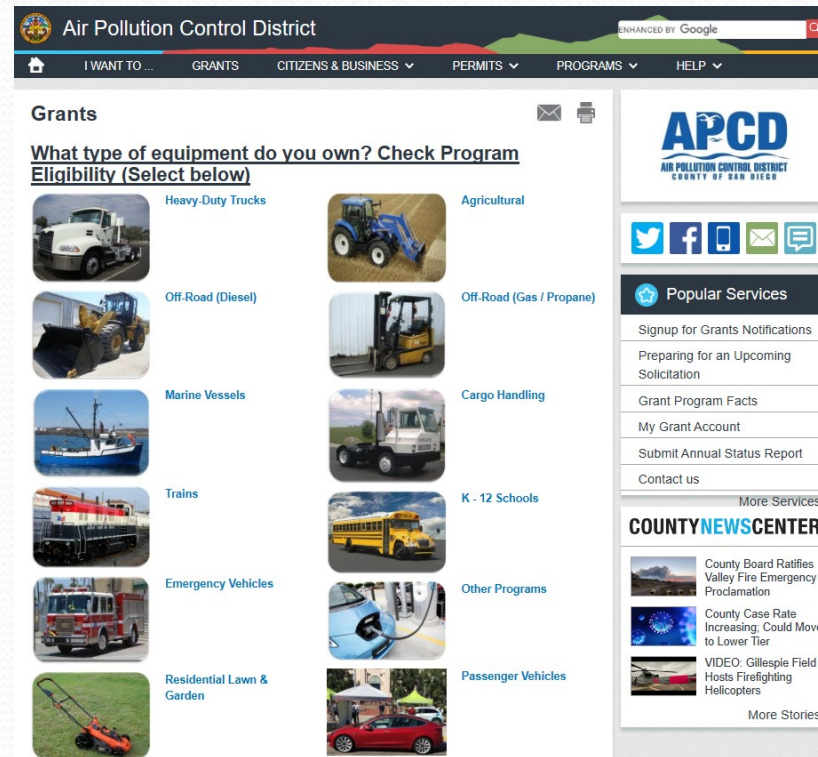


Go to:

<https://service.govdelivery.com/accounts/CASAND/suscriber/new> and subscribe to under Air Quality -
“Air Quality - Grants and Incentives”

Useful Websites

- SD APCD Grants & Incentives Page
 - <https://www.sdapcd.org/content/sdc/apcd/en/grants-and-incentives.html>



Useful Websites

- Clean Air for All
 - <http://tinyurl.com/sdapcd-moyer>

Clean Air For All: Moyer/FARMER/CAPP Grants



(Updated 10/20/2020)

The San Diego County Air Pollution Control District launched the Clean Air for All Grant Campaign to help businesses, nonprofits, and government agencies swap their polluting heavy machinery and equipment for electric and low carbon emission alternatives.

Applications will be accepted from Wednesday, October 21, 2020 to Friday, December 4, 2020 at 5 p.m.

Apply Now

This Clean Air for All solicitation is for three grant programs:

- Carl Moyer Memorial Air Quality Standards Attainment Program (Moyer),
- Funding Agricultural Replacement Measures for Emission Reductions (FARMER), and
- Community Air Protection Program (CAPP).

Grant applicants are not required to familiarize themselves with these funding sources as District staff will match projects with the most appropriate funding program.

Useful Websites

- GMERP

- <http://tinyurl.com/sdapcd-GMERP>

Proposition 1B Goods Movement Emission Reduction Program (GMERP)



(Updated 10/21/2020)

The solicitation period for this program is now open.

Applications for Heavy Duty Truck Projects will be accepted from Wednesday, October 21, 2020 to Friday, December 4, 2020 at 5 p.m.

Please review the eligibility criteria for Heavy Duty Trucks below.

Accepting Applications - Expand All | Accepting Applications - Collapse All

- **Heavy Duty Trucks - Accepting Applications**

NOT Accepting Applications - Expand All | NOT Accepting Applications - Collapse All

- **Cargo Handling Equipment - NOT Accepting Applications**
- **Commercial Harbor Craft - NOT Accepting Applications**
- **Locomotives - NOT Accepting Applications**
- **Ships at Berth (Shore Power) - NOT Accepting Applications**



Useful Websites

- Preparing for an Upcoming SD APCD Solicitation
 - <https://www.sandiegocounty.gov/content/sdc/apcd/en/grants-and-incentives/Prepare1.html>

The screenshot shows the APCD website with a navigation bar including links for 'I WANT TO ...', 'GRANTS', 'CITIZENS & BUSINESS', 'PERMITS', 'PROGRAMS', and 'HELP'. The main content area is titled 'Preparing for an Upcoming Solicitation' and includes a checklist image and a link to a Spanish version of the page. On the right, there is a sidebar with the APCD logo, social media icons, and a 'Popular Services' list.

Air Pollution Control District

ENHANCED BY Google

I WANT TO ... GRANTS CITIZENS & BUSINESS PERMITS PROGRAMS HELP

Preparing for an Upcoming Solicitation

The District offers grant programs when funding is available. Click on the image below for tips on how you can prepare to submit your application in advance of an open solicitation for projects.

CHECKLIST

Haga clic aquí para obtener consejos en español.

Off-Road Equipment

Agricultural Equipment

APCD
AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

Twitter Facebook YouTube Email Chat

Popular Services

- Signup for Grants Notifications
- Preparing for an Upcoming Solicitation
- Grant Program Facts
- My Grant Account
- Submit Annual Status Report
- Contact us

More Services

COUNTYNEWSCENTER

Four colored buttons representing different grant categories:

- Heavy Duty Trucks** (Yellow button with a truck icon)
- Marine Engine Repower** (Blue button with a fish icon)
- Infrastructure Projects** (Green button with a lightning bolt icon)
- K-12 School Projects** (Orange button with a school icon)

Three small images with text descriptions of recent news items:

- County Board Ratifies Valley Fire Emergency Proclamation
- County Case Rate Increasing: Could Move to Lower Tier
- VIDEO: Gillespie Field Hosts Firefighting Helicopters

[More Stories](#)

Online Application Instructions

- SD APCD Application Web Portal
- <https://publicservices.sandiegocounty.gov/CitizenAccess/>

Home APCD AWM DEH DPW PDS

Advanced Search ▾

Welcome to the County of San Diego's online Citizen Access Portal

This system will enable residents of San Diego County to:

1. Research public information.
2. Submit an application (some departments require registration and login to submit an application).
3. View and track the status of your application.
4. Make secure online payments.

Some services will require you to register for an account.

What would you like to do today?
To get started, select one of the services listed below:

Home **General Information**

Advanced Search

APCD

Get Air Quality Service (Permit Applications, Gas Station Tests, Breakdown Notifications, Asbestos Notification and Air Quality Grants)
Search APCD Records
Schedule an Inspection

AWM

Search Applications

Login

User Name or E-mail:

Password:

Login »

☐ Remember me on this computer
[I've forgotten my password](#)
[New Users: Register for an Account](#)

Land Use and Environment Group
Departments:
APCD - Air Pollution Control District
AWM - Agriculture Weights and Measures
DEH - Department of Environmental Health
DPW - Department of Public Works
PDS - Planning & Development Services



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User Name or E-mail:

Password:

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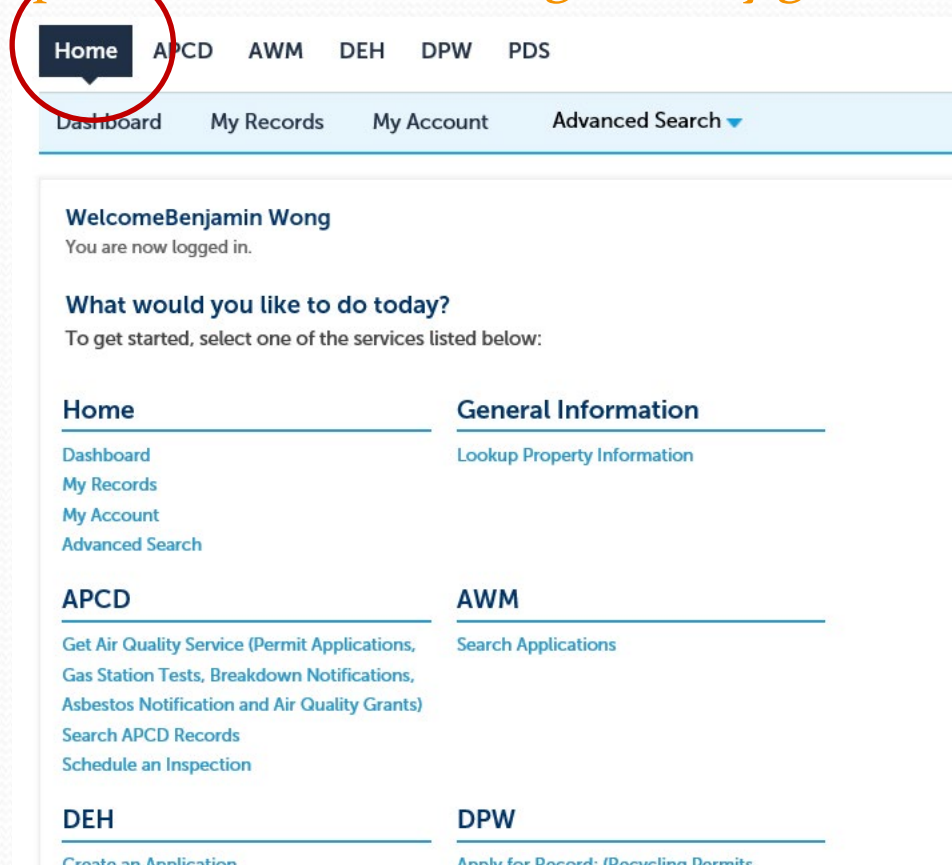
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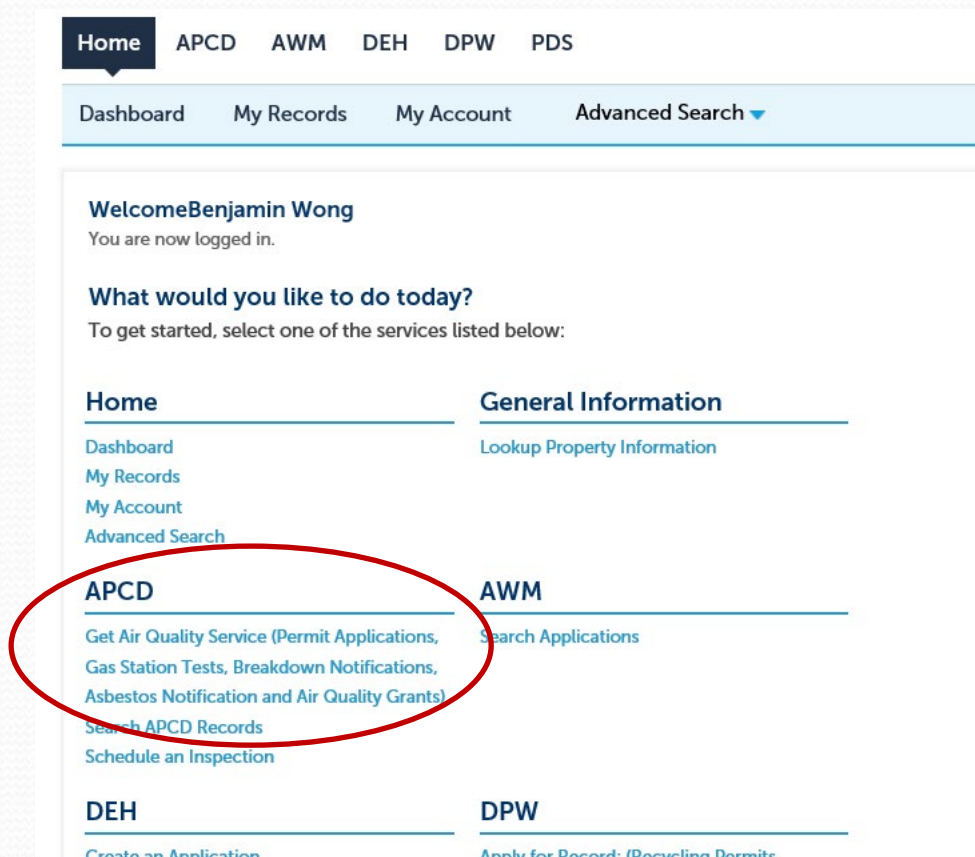
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Online Application Instructions

- SD APCD Application Web Portal
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Home APCD AWM DEH DPW PDS

more ▼

Online Permit System

Welcome to San Diego County's Online Permit System.

Please "Allow Pop-ups from This Site" before proceeding. You must accept the General Disclaimer below before beginning your session.

General Disclaimer

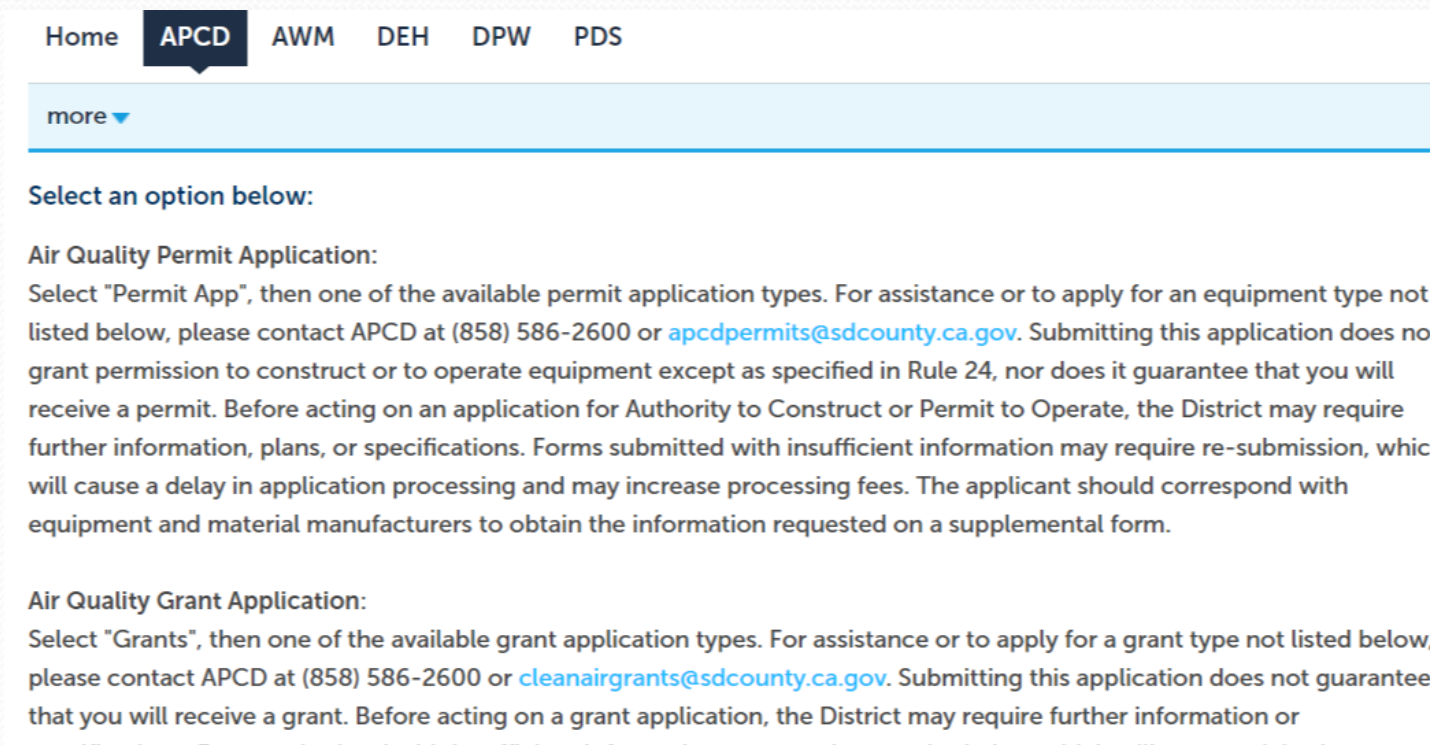
While the The Agency hereafter referred to as 'The Agency', attempts to keep its Web information accurate and timely, the The Agency neither warrants nor makes representations as to the functionality or condition of this Web site, its suitability for use, freedom from interruptions or from computer virus, or non-infringement of proprietary rights. Web materials have been compiled from a variety of sources and are subject to change without notice from the The Agency as a result of updates and corrections.

☐ I have read and accepted the above terms.

Continue Application »

Online Application Instructions

- SD APCD Application Web Portal
 - <https://publicservices.sandiegocounty.gov/CitizenAccess/>



The screenshot shows the top navigation bar of the SD APCD Application Web Portal. The navigation bar includes links for Home, APCD (which is highlighted with a dark blue background), AWM, DEH, DPW, and PDS. Below the navigation bar is a light blue bar with a "more" link and a downward arrow. The main content area has a heading "Select an option below:" followed by two sections: "Air Quality Permit Application:" and "Air Quality Grant Application:". Each section contains a paragraph of instructions for users.

Home APCD AWM DEH DPW PDS

more ▼

Select an option below:

Air Quality Permit Application:

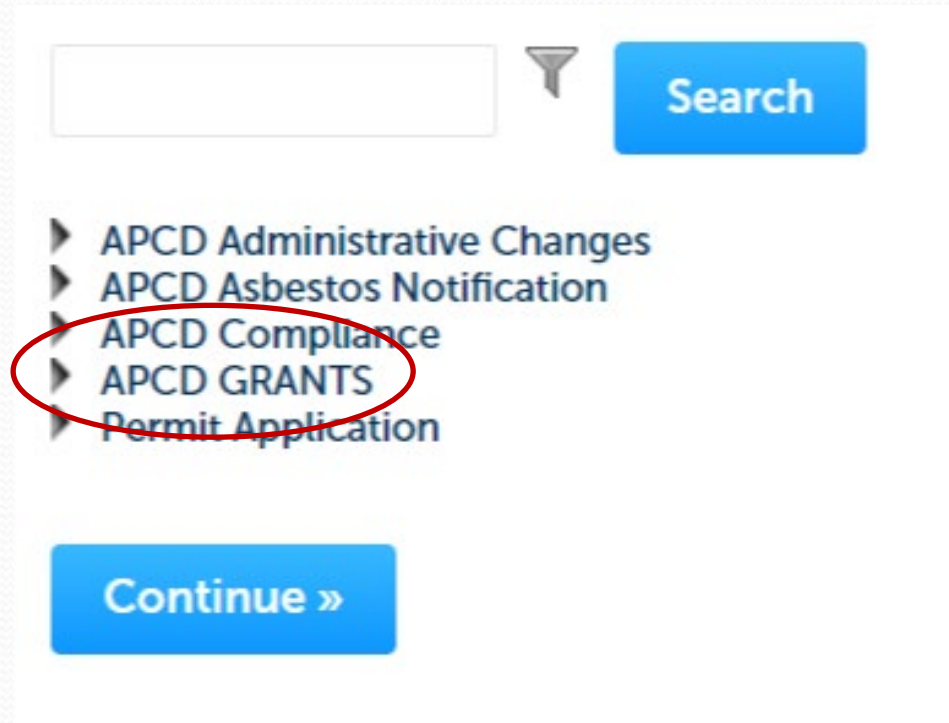
Select "Permit App", then one of the available permit application types. For assistance or to apply for an equipment type not listed below, please contact APCD at (858) 586-2600 or apcdpermits@sdcounty.ca.gov. Submitting this application does not grant permission to construct or to operate equipment except as specified in Rule 24, nor does it guarantee that you will receive a permit. Before acting on an application for Authority to Construct or Permit to Operate, the District may require further information, plans, or specifications. Forms submitted with insufficient information may require re-submission, which will cause a delay in application processing and may increase processing fees. The applicant should correspond with equipment and material manufacturers to obtain the information requested on a supplemental form.

Air Quality Grant Application:

Select "Grants", then one of the available grant application types. For assistance or to apply for a grant type not listed below, please contact APCD at (858) 586-2600 or cleanairgrants@sdcounty.ca.gov. Submitting this application does not guarantee that you will receive a grant. Before acting on a grant application, the District may require further information or

Online Application Instructions

- SD APCD Application Web Portal
 - <https://publicservices.sandiegocounty.gov/CitizenAccess/>



The screenshot shows a web portal interface. At the top, there is a search bar with a funnel icon and a blue 'Search' button. Below the search bar is a list of menu items, each preceded by a right-pointing arrow: 'APCD Administrative Changes', 'APCD Asbestos Notification', 'APCD Compliance', 'APCD GRANTS', and 'Permit Application'. The 'APCD GRANTS' item is circled in red. At the bottom of the menu area is a blue button labeled 'Continue »'.

Online Application Instructions

- SD APCD Application Web Portal

- <https://publicservices.sandiegocounty.gov/CitizenAccess/>

- ▶ APCD Administrative Changes
- ▶ APCD Asbestos Notification
- ▶ APCD Compliance
- ▼ APCD GRANTS

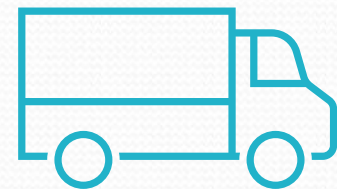
- ☐ Heavy Duty Truck: Goods Movement (replacement with non-diesel vehicles)
- ☐ Heavy Duty: Truck, Bus, and Other On-road Vehicle (Replacement, Repower, or Electric/Hybrid Conversion)
- ☐ Infrastructure: All non-residential (battery charging station, alternative fueling station, truck stop electrification, stationary agricultural pump electrification, or shore power)
- ☐ Locomotive or Other Equipment: All (engine repower or replacement for locomotive that may or may not be used in transporting "goods") or (Other Equipment)
- ☐ Marine Vessel: All (repower engine(s) in a vessel that may or may not be used in transporting "goods")
- ☐ Off-road Equipment: All (replacement of construction, industrial or agricultural equipment)
- ☐ Off-road Equipment: All (repower of construction, industrial or agricultural equipment)
- ☐ School or Other Stationary Sources: Located in Disadvantaged/Low-Income Communities (School: Zero Emission Lawn & Garden Equipment, Air Filtration Projects, and Composite Wood Products) or (Stationary Source)

- ▶ Permit Application

Continue »

Online Application Instructions

- Required: One application per piece of existing equipment
 - With the exception of 2-for-1 projects



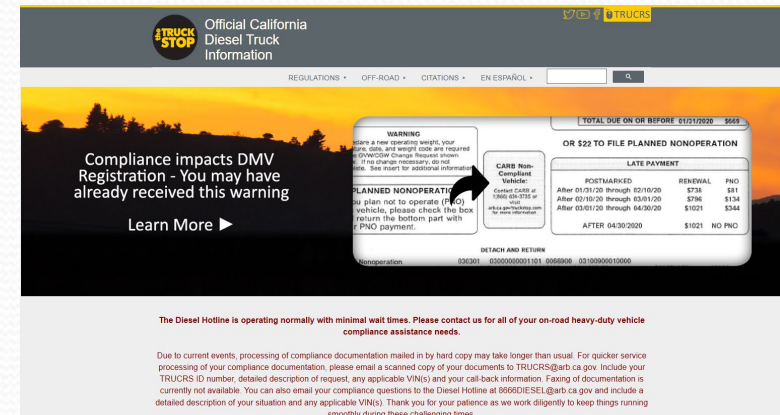
Useful Websites

- **California Air Resources Board**
 - Carl Moyer Program
 - <https://ww2.arb.ca.gov/our-work/programs/carl-moyer-memorial-air-quality-standards-attainment-program>
 - FARMER
 - <https://ww2.arb.ca.gov/our-work/programs/farmer-program>
 - CAPP
 - <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-incentives>



Useful Websites

- **California Air Resources Board**
 - The Off-Road Zone
 - <https://ww3.arb.ca.gov/msprog/offroadzone/offroadzone.htm>
 - DOORS Hotline Number: 877-593-6677
 - The Truck Stop
 - <https://ww3.arb.ca.gov/msprog/truckstop/truckstop.htm>
 - Diesel Hotline Number: 866-634-3735



Useful Websites

- **California Air Resources Board**
 - HVIP (Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project)
 - <https://www.californiahvip.org/>



Purchase Orders or other sales transactions incurred when HVIP is closed will not be eligible for funding. When HVIP re-opens, Purchase Orders may not be dated more than 10 calendar days prior to the date of the corresponding voucher request. Learn more [HERE](#).



Grant Program Contacts

- **General Grants Email**
CleanAirGrants@sdcounty.ca.gov
- **Robert Mercado, se habla español**
Air Quality Specialist
(858) 586-2694
Robert.Mercado@sdcounty.ca.gov
- **Ben Wong**
Air Resources Specialist
(858) 586-2642
Benjamin.Wong@sdcounty.ca.gov
- **Heidi Gabriel-Pack**
Air Resources Specialist
(858) 586-2718
Heidi.Pack@sdcounty.ca.gov
- **Kim Impreso**
Air Resources Specialist
(858) 586-2738
Kim.Impreso@sdcounty.ca.gov
- **Hugo Salgado, se habla español**
Air Resources Specialist
(858) 586-2710
Hugo.Salgado@sdcounty.ca.gov



