



MISSOURI DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM
VOLKSWAGEN TRUST AIRPORT AND CARGO PROGRAM APPLICATION

Submit completed applications by email to MOVWTeam@dnr.mo.gov.

LEGAL NAME OF ORGANIZATION	TELEPHONE NUMBER WITH AREA CODE		
MAILING ADDRESS	CITY	STATE	ZIP CODE

A. APPLICANT INFORMATION

1. TYPE OF APPLICANT (CHECK ONE)
 PRIVATE ENTITY GOVERNMENT ORGANIZATION OTHER (EXPLAIN)

COMPANY OR ENTITY APPLYING FOR FUNDING

2. NAME OF AUTHORIZED OFFICIAL	TITLE
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TELEPHONE NUMBER WITH AREA CODE	EMAIL ADDRESS
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3. PRIMARY CONTACT NAME	TITLE
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TELEPHONE NUMBER WITH AREA CODE	EMAIL ADDRESS
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4. SECONDARY CONTACT NAME	TITLE
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TELEPHONE NUMBER WITH AREA CODE	EMAIL ADDRESS
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B. PROJECT SUMMARY

5. GENERAL DESCRIPTION OF PROJECTS (IF NEEDED, ATTACH ADDITIONAL SHEETS TO DESCRIBE PROJECTS)

C. APPLICANT AGREEMENT

I hereby certify that:

- The information in this application is true and correct.
- The organization I represent has sufficient resources to conduct this project while awaiting reimbursement from the department.
- I understand the department may require operational records to verify the accuracy of the application.
- I agree to the Volkswagen Trust Airport and Cargo Program Requirements.
- I understand I may be considered for funding under the Federal Diesel Emissions Reduction Act (DERA).

6. SIGNATURE	DATE
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7. HOW DID YOU FIND OUT ABOUT THE VW TRUST FUND?
 DNR WEBSITE EMAIL TWITTER TV/RADIO NEWSPAPER OTHER:

D. PROJECT DETAILS – AIRPORT GROUND SUPPORT EQUIPMENT

Fill out a new project detail page for each vehicle you are applying to replace or repower.

8. FUNDING INFORMATION <small>(Restrictions apply – see program requirements)</small>	REQUESTED FUNDING FOR THE INDIVIDUAL VEHICLE INCLUDED ON THIS PAGE \$
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9. TYPE OF PROJECT	<input type="checkbox"/> Replacement <input type="checkbox"/> Repower	10. VEHICLE DESCRIPTION (WATER TRUCK, STAIR TRUCK, BAGGAGE TRACTOR, ETC.)
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11. OLD VEHICLE/ ENGINE INFORMATION	VEHICLE TYPE (CHOOSE ONE): <input type="checkbox"/> Airport Support Equipment		
	ENGINE MODEL YEAR	ENGINE MAKE	ENGINE MODEL
	BODY MAKE	BODY MODEL	BODY SERIAL NUMBER
	FUEL TYPE	ENGINE TIER (DIESEL ONLY)	NO _x CERTIFICATION LEVEL (G/BHP-HR) (GASOLINE ONLY)
	ENGINE SERIAL NUMBER	FLEET UNIT NUMBER	

USAGE PERIOD: <input type="checkbox"/> 2018-2016 AVERAGE <input type="checkbox"/> 2018	MOST RECENT ANNUAL FUEL CONSUMPTION (GALLONS)	MOST RECENT ANNUAL HOURS OF USE, INCLUDE IDLE	
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12. NEW VEHICLE/ ENGINE INFORMATION	MUST BE ALL-ELECTRIC
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13. AREA OF OPERATION

List the percent of operating time the vehicle spends in each county/area listed in this table. This information is to determine eligibility and will affect the ranking process the department will use to select awardees. Operating time must total 100%.

COUNTY/AREA	PERCENT OF OPERATING TIME
St. Louis County and St. Louis City	
St. Charles County	
Jefferson and Franklin counties	
Jackson County	
Clay and Platte counties	
Greene County	
Boone County	
Any county in Missouri not listed above	
Outside the state of Missouri	

D. PROJECT DETAILS – PORT CARGO HANDLING EQUIPMENT AND FORKLIFTS

Fill out a new project detail page for each vehicle you are applying to replace or repower.

8. FUNDING INFORMATION <small>(Restrictions apply – see program requirements)</small>	REQUESTED FUNDING FOR THE INDIVIDUAL VEHICLE INCLUDED ON THIS PAGE \$
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9. TYPE OF PROJECT	<input type="checkbox"/> Replacement <input type="checkbox"/> Repower	10. VEHICLE DESCRIPTION
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11. OLD VEHICLE/ ENGINE INFORMATION	VEHICLE TYPE (CHOOSE ONE): <input type="checkbox"/> Rubber-tired Gantry Cranes <input type="checkbox"/> Straddle Carriers <input type="checkbox"/> Shuttle Carriers <input type="checkbox"/> Terminal Tractors		
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ENGINE YEAR	ENGINE TIER	FUEL TYPE
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BODY MAKE	BODY MODEL	BODY SERIAL NUMBER
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ENGINE MAKE	ENGINE MODEL	IF FORKLIFT, PROVIDE LIFT CAPACITY IN POUNDS
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ENGINE SERIAL NUMBER	FLEET UNIT NUMBER	
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USAGE PERIOD: <input type="checkbox"/> 2018-2016 AVERAGE <input type="checkbox"/> 2018	MOST RECENT ANNUAL FUEL CONSUMPTION (GALLONS)	MOST RECENT ANNUAL HOURS OF USE, INCLUDE IDLE	
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12. NEW VEHICLE/ ENGINE INFORMATION	MUST BE ALL-ELECTRIC
--------------------------------------------	----------------------

13. AREA OF OPERATION

List the percent of operating time the vehicle spends in each county/area listed in this table. This information is to determine eligibility and will affect the ranking process the department will use to select awardees. Operating time must total 100%.

COUNTY/AREA	PERCENT OF OPERATING TIME
St. Louis County and St. Louis City	
St. Charles County	
Jefferson and Franklin counties	
Jackson County	
Clay and Platte counties	
Greene County	
Boone County	
Any county in Missouri not listed above	
Outside the state of Missouri	

Instructions

The Missouri Department of Natural Resources (department) will use \$2 million from Missouri's Volkswagen (VW) Trust funds to implement a repower and replacement program for airport ground support equipment and cargo handling equipment in Missouri. Organizations in Missouri that own equipment meeting certain criteria are eligible to apply for VW Trust Awards (Award), as described in the Volkswagen Trust Airport Cargo Equipment Program Requirements.

This is a reimbursement program. After the department approves projects for Award, applicants must purchase the new vehicle and fulfill all program requirements. Upon completion of the project, as described in the Volkswagen Trust Airport Cargo Equipment Program Requirements, the applicant will receive reimbursement for the amount specified in the Award. The maximum amount of funding applicants may request through this funding opportunity is \$1 million. There is no limit on the number of projects per applicant.

The deadline to submit applications to the department is Oct. 30, 2019. Applications will be available online before the application period, but will not be accepted prior to Oct. 1, 2019. Applications must be submitted through email to MOVWTeam@dnr.mo.gov.

Application Checklist:

1. Read and agree to VW Trust Airport Ground Support and Port Cargo Equipment Program Requirements.
2. Complete Application Form. Be sure that all information is accurate.
3. Submit completed Application Form via email during the application acceptance period.

Applicants may direct all questions pertaining to this application to MOVWTeam@dnr.mo.gov. Please include in the subject line of the email, Airport Cargo Equipment Question.

Section A. Applicant Information

Application Deadline	Oct. 30, 2019
1. Type of Applicant	See program requirements for list of eligible entities.
2. Authorized Official	Enter the contact information for the person authorized to enter into an agreement with the department.
3. Primary Contact	Enter the contact information for the main point of contact for the project (this could be the same person as authorized official). All correspondence will be sent to this contact.
4. Secondary Contact	Enter the contact information for a secondary point of contact for the project. This person will be contacted in the case that the Primary Contact is unavailable. This contact will be copied on all email correspondence.

Section B. Project Summary

5. General Description of Projects	Enter a brief summary of your proposed project. You may also include any additional relevant information about your proposed project that is not provided in the other application fields. Please include the total number of vehicles you are including on the application for replacement or repower.
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Eligible Projects

An all-electric engine must power the new engine or vehicle. Please see program requirements for eligibility requirements and restrictions.

By signing the application, the applicant agrees to be considered for funding under the Federal Diesel Emissions Reduction Act (DERA). This gives the applicant an additional opportunity for funding if they are not selected for funding under the Trust.

Section C. Applicant Agreement

6. Signature and Date	Sign and date in the signature field to certify that the statements and information provided in this application are true and accurate. By signing and dating, the applicant agrees to provide the required documentation and assurance necessary for funding, per the Volkswagen Trust Airport Ground Support and Port Cargo Equipment Requirements.
7. How Did You Find Out About the VW Trust Fund	Check the box that corresponds to how you found out about the VW Trust Fund. If "Other" please explain.

Section D. Project Details

Airport Ground Support Equipment

8. Funding Information	Enter requested funding amount for the individual vehicle project. This should only include the necessary Award amount for the individual vehicle project included on this page. If multiple vehicles are included on the application, do not include any Award amounts for the other vehicles in this field.			
9. Type of Project	Check to indicate whether you want to replace or repower the vehicle included on this page.			
10. Vehicle Description	Enter a description of the vehicle included on this page (water truck, stair truck, baggage tractor, etc.).			
11. Old Vehicle/Engine Information	Enter the vehicle/engine information of the old vehicle that you want to replace or repower.	Enter engine model year	Enter engine make	Enter engine model
		Enter body make	Enter body model	Enter body serial number
		Enter fuel type	Enter engine tier (if diesel)	Enter NO _x certification (if gasoline)

		Enter engine serial number	Enter fleet unit number (if applicable)	
	Select the usage period reported	Enter fuel consumption of selected period	Enter hours of use from selected period	
12. New Vehicle/Engine Information	New vehicle must be all-electric.			
13. Area of Operation	Enter percent of operating time the vehicle you want to replace or repower spends in each county/area listed. Operating time should total 100 percent.			

Port Cargo Handling Equipment and Forklifts

8. Funding Information	Enter requested funding amount for the individual vehicle project. This should only include the necessary Award amount for the individual vehicle project included on this page. If multiple vehicles are included on the application, do not include any Award amounts for the other vehicles in this field.			
9. Type of Project	Check to indicate whether you want to replace or repower the vehicle included on this page.			
10. Vehicle Description	Enter a description of the vehicle included on this page.			
11. Old Vehicle/Engine Information	Enter the vehicle/engine information of the old vehicle that you want to replace or repower.	Enter engine model year	Enter engine tier	Enter fuel type
		Enter body make	Enter body model	Enter body serial number
		Enter engine make	Enter engine model	Enter lift capacity for forklift
		Enter engine serial number	Enter fleet unit number (if applicable)	
	Select the usage period reported	Enter fuel consumption of selected period	Enter hours of use from selected period	
12. New Vehicle/Engine Information	New vehicle must be all-electric.			
13. Area of Operation	Enter percent of operating time the vehicle you want to replace or repower spends in each county/area listed. Operating time should total 100 percent.			

Include a Section D (project detail page) for each vehicle or piece of equipment you are applying to replace or repower.

Ranking Process

Vehicle ranking is based on the amount of Award dollars per pound of lifetime NO_x emissions reduced. The price per pound of a vehicle may be modified based on the area of operation.

The department will use a competitive ranking process to select eligible vehicles proposed for repower or replacement on each application. The department will rank vehicles on the calculated price per pound.

The department will award funds to applicants for vehicles that have the lowest price per pound.

See the examples in Missouri's Implementation Guidelines Overview for details on how the department will calculate the price per pound.

To calculate the total lifetime NO_x emission reductions for each vehicle, the department will use EPA's Diesel Emissions Quantifier Tool and the information provided on the application:

Diesel Emissions Quantifier Inputs	Application
Onroad vehicle type	Based on Vehicle Type checkbox selection
Quantity	1 per individual vehicle
Baseline engine model year	Engine model year
Baseline engine tier	Engine tier
Baseline fuel type	Fuel type (diesel = ulsd)
Annual fuel gallons	Most recent annual fuel consumption (if the most recent year is not representative of typical operations then applicants may provide the average annual consumption from the most recent three-year period.)
Annual usage hours	Most recent annual usage hours. If the most recent year is not representative of typical operations then applicants may provide the average annual consumption from the most recent three-year period
Remaining life of baseline engine/vehicle	<ul style="list-style-type: none"> ○ Total useful life for equipment with horsepower less than 50 HP: 15 years ○ Total useful life for equipment with horsepower 51 – 300 HP: 25 years ○ Total useful life for equipment with horsepower greater than 300 HP: 35 years ○ For any equipment that operated in the previous year and is still operating, the air program will assume a minimum remaining life of two years
Upgrade year	New engine model year

This example shows a possible area of operation for a vehicle applying for funds. A vehicle with an operating area shown above would receive a scoring modification due to the percentage of time operating in target areas. Not all counties used in this example provide scoring modifications.

Example:

13. AREA OF OPERATION	
List the percent of operating time the vehicle spends in each county/area listed in this table. This information is to determine eligibility and will affect the ranking process the department will use to select awardees. Operating time must total 100%.	
COUNTY/AREA	PERCENT OF OPERATING TIME
St. Louis County and St. Louis City	65%
St. Charles County	20%
Jefferson and Franklin Counties	10%
Jackson County	
Clay and Platte Counties	
Greene County	
Boone County	
Any county in Missouri not listed above	
Outside the state of Missouri	5%