



MISSOURI DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM

VOLKSWAGEN TRUST TRANSIT AND SHUTTLE BUS 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 THAT IS APPLYING FOR FUNDING

2. NAME OF AUTHORIZED OFFICIAL

TITLE

TELEPHONE NUMBER WITH AREA CODE

EMAIL ADDRESS

3. PRIMARY CONTACT NAME

TITLE

TELEPHONE NUMBER WITH AREA CODE

EMAIL ADDRESS

4. SECONDARY CONTACT NAME

TITLE

TELEPHONE NUMBER WITH AREA CODE

EMAIL ADDRESS

B. PROJECT SUMMARY

5. PROJECT DESCRIPTION

C. APPLICANT AGREEMENT

I hereby certify that:

- The information in this application is true and correct.
- The organization that 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 Transit and Shuttle Bus Program Requirements.

6. SIGNATURE

DATE

7. HOW DID YOU FIND OUT ABOUT THE VW TRUST FUND?

DNR WEBSITE EMAIL TWITTER TV/RADIO NEWSPAPER OTHER:

D. PROJECT DETAILS

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

8. FUNDING INFORMATION	REQUESTED FUNDING (REQUESTED FUNDS FOR THE INDIVIDUAL VEHICLE INCLUDED ON THIS PAGE.) \$
-------------------------------	---

9. TYPE OF PROJECT:	<input type="checkbox"/> Replacement <input type="checkbox"/> Repower	10. BUS DESCRIPTION (SHUTTLE BUS, PUBLIC TRANSPORTATION, ETC.)
----------------------------	---	--

11. OLD VEHICLE/ ENGINE INFORMATION	GROSS VEHICLE WEIGHT RATING (POUNDS)	ENGINE MODEL YEAR (MUST BE 1992-2009)	FUEL TYPE
	VEHICLE MAKE	VEHICLE MODEL	VEHICLE MODEL YEAR
	ENGINE MAKE	ENGINE MODEL	ENGINE HORSEPOWER
	ENGINE SERIAL NUMBER	FLEET UNIT NUMBER	VIN
	EPA ENGINE FAMILY NAME (AKA EMISSION FAMILY NUMBER)		

USAGE PERIOD: <input type="checkbox"/> 2019-2017 AVERAGE <input type="checkbox"/> 2019	MOST RECENT ANNUAL FUEL CONSUMPTION (GALLONS)	MOST RECENT ANNUAL MILES DRIVEN	MOST RECENT ANNUAL IDLING HOURS
---	---	---------------------------------	---------------------------------

12. NEW VEHICLE/ ENGINE INFORMATION	ENGINE MODEL YEAR (MUST BE 2018 OR NEWER)	FUEL TYPE	IF PROPANE, NATURAL GAS, OR HYBRID, LIST NO _x CERTIFICATION LEVEL (G/BHP-HR)
--	---	-----------	---

13. AREA OF OPERATION

List the percent of operating time the vehicle spends in each county/area listed in this table. The department may require applicant to provide operational records to verify the accuracy of this information. (Operating time should total 100 percent)

COUNTY/AREA	PERCENT OF OPERATING TIME
St. Louis County and St. Louis City	
St. Charles County	
Jefferson County and Franklin County	
Jackson County	
Clay County and Platte County	
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 \$1.75 million from Missouri's Volkswagen (VW) Trust funds to implement a repower and replacement program for transit and shuttle buses in Missouri. Entities that own buses meeting certain criteria are eligible to apply for VW Trust Awards (Award), as described in the Volkswagen Trust Transit and Shuttle Bus 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 Transit and Shuttle Bus 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.

The deadline to submit applications to the department is March 31, 2020 by 5 p.m. CDT. Applications must be submitted through email to MOVWTeam@dnr.mo.gov.

Application Checklist:

1. Read and agree to VW Trust Transit and Shuttle Bus 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, Transit and Shuttle Bus Question.

Section A. Applicant Information

Application Deadline	March 31, 2020 by 5 p.m. CDT
1. Type of Applicant	See a description of eligible entities in program requirements.
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 buses you are including on the application for replacement or repower.
------------------------------------	--

Eligible Projects

See program requirements for details and restrictions on eligible projects.

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. The applicant also agrees to provide the required documentation and assurance necessary for funding, per the Volkswagen Trust Non-Government Truck Program Requirements.

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.
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.

Include a Section D (project detail page) for each bus you are applying to replace or repower.

Section D. Project Details

8. Funding Information	Enter requested funding amount for the individual bus project. This should only include the necessary requested Volkswagen Funds for the individual bus project included on this page. If multiple buses are included on the application, do not include any Award amounts for the other bus in this field.			
9. Type of Project	Check to indicate whether you want to replace or repower the bus included on this page.			
10. Truck Description	Enter a description of the bus included on this page.			
11. Old Vehicle/Engine Information	Enter the vehicle/engine information of the old bus that you want to replace or repower.	Enter gross vehicle weight rating in pounds	Enter engine model year	Enter fuel type
		Enter vehicle make	Enter vehicle model	Enter vehicle model year
		Enter engine make	Enter engine model	Enter VIN
		Enter engine serial number	Enter fleet unit number	

	Select the usage period reported - Applicants may either report annual fuel consumption and usage hours from 2019 or the 3-year average from 2017-2019.	Enter the annual average fuel consumption from period selected	Enter the annual average miles driven from period selected	Enter the annual idling hours from the selected period
12. New Vehicle/Engine Information	Enter the vehicle/engine information of the new bus you are planning to purchase through the program.	Enter engine model year	Enter fuel type (gasoline is not an eligible choice)	Enter NO _x certification of the new engine if switching to propane, CNG, or hybrid. For diesel replacements or all-electric this can be left blank.
13. Area of Operation	Enter percent of operating time the truck you want to replace or repower spends in each county/area listed. Operating time must total 100 percent.			

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.

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

The department will use a competitive ranking process to select eligible trucks proposed for repower or replacement on each application to receive funding. The department will rank each vehicle on the following criteria:

- The location of the vehicle (to determine if it qualifies for an area-specific funding pool or if the ranking needs area-adjustment)
- The calculated price per pound.

The department will award funds for vehicles with the lowest price per pound in each respective area-specific funding pool.

The department will calculate the price per pound of NO_x emission reductions of a vehicle by dividing the amount of Award dollars requested for the vehicle by the total pounds of lifetime NO_x emission reductions. 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	Assume Truck for this category
Quantity	1 per individual truck
Baseline engine model year	Engine model year
Baseline fuel type	Fuel type (diesel = ulsd)
Annual fuel gallons	Most recent year or up to 3 year average annual fuel consumption
Annual miles traveled	Most recent year or up to 3 year average annual miles driven (not odometer reading)
Annual idling hours	Most recent year or up to 3 year average annual idling hours
Remaining life of baseline engine/vehicle	All existing and new trucks have a total useful life of 25 years. Exception: for any truck that operated in the previous year and is still operating, the department will assume a minimum remaining life of two years even if that exceeds a 25-year lifetime.
Upgrade year	New engine model year

For reporting annual fuel gallons, annual miles traveled, and annual idling hours the entity can use the most recent calendar year or they can use an average of the last 3 years to create a better ranking project. This benefits a truck that did not drive much over the last calendar year but got heavy use in prior years.

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