



Volkswagen Trust Implementation Guidelines: Diesel Emission Reduction Act (DERA) Option

The Missouri Department of Natural Resources dedicated \$3 million in Volkswagen (VW) Trust funding to the DERA Option category in Missouri's Beneficiary Mitigation Plan. The Department estimates \$3 million will nearly cover the 10-year VW Trust program period from 2018 through 2027. The DERA Option award category helps to reduce additional NO_x emissions by ensuring that Missouri qualifies for the matching bonus from the federal DERA grant. DERA grants allow the Department flexibility in funding projects. Many projects that are eligible for DERA grants (e.g., stationary engine upgrades or nonroad construction equipment) are not eligible under any other VW Trust category.

Organizations in Missouri that own vehicles, engines, or equipment meeting eligibility requirements may apply for funding.

Eligible Projects and Funding

Projects may include, but are not limited to, emission reduction solutions from the following heavy-duty diesel emission source types:

- Buses
- Medium-duty or heavy-duty trucks
- Marine Engines
- Locomotives
- Nonroad engines, equipment or vehicles used in:
 - Construction
 - Handling of cargo (including at a port or airport)
 - Agriculture
 - Mining
 - Energy production (including stationary generators and pumps)

Eligible Diesel Emission Reduction Solutions	Maximum Rebate
VEHICLE/EQUIPMENT REPLACEMENT	
Vehicle/Equipment Replacement – Diesel or Alternative Fuel (locomotive, marine, nonroad, and highway diesels)	25%*
Vehicle/Equipment Replacement – Low NO _x (highway only)	35%
Vehicle/Equipment Replacement – Zero Emission (locomotive, marine, nonroad, and highway diesels)	45%
Vehicle Replacement – Drayage	50%
ENGINE REPLACEMENTS	
Engine Replacement – Diesel or Alternative Fuel (locomotive, marine, nonroad, and highway diesels)	40%
Engine Replacement – Low NO _x (highway only)	50%
Engine Replacement – Zero Emission (locomotive, marine, nonroad, and highway diesels)	60%

Upon completion of the project, as described in the Volkswagen Trust DERA Program Requirements, the applicant will receive reimbursement for the allowable percentage of the eligible cost up or the funding requested in the application for the project, whichever is less. There is a \$100,000 cap on the total amount the grant will fund for an individual vehicle/equipment/engine replacement projects that utilize new diesel engines. except for new diesel school bus replacements, which are capped at \$22,500 per bus. There is no limit per project if new vehicles, engines, or equipment are alternative fueled, low NO_x, or zero emission replacements. There is also no limit on the total amount of individual vehicle/equipment/engine replacement projects that can be included in an application.

Application Process:

The Department will request applications for eligible vehicle, engine, and equipment replacement DERA projects. The Volkswagen Trust DERA Option Implementation Guidelines, the Volkswagen Trust Diesel Emission Reduction Act Program Requirements, and an application form will be available on the [Department's VW Trust, DERA Option webpage](#). The Department will send an email notification to those subscribed to the DERA and VW Trust email list serves. In addition, the Department will use other outreach opportunities to solicit applications.

Selection Process:

The Department will select program beneficiaries by lottery from the pool of applications. The qualified applicants will be divided into two pools, one consisting of applicants for projects serving a Low Income/Disadvantaged Communities (LIDAC) and the other pool including all other projects. See Table 1 for a list of all LIDAC Census Tract IDs in Missouri. Projects will be drawn from the LIDAC group first, until at least 40 percent of the program funding dedicated to subgrants is awarded. After 40 percent of the subgrant funding has been allocated, all applicants, including those in the LIDAC pool that were not selected to receive the initial 40 percent of funds, will be added into a drawing that will be used to select the recipients for the remaining 60 percent of the subgrant funding. For both pools, if an applicant includes multiple vehicle/equipment/engine replacement projects, the lottery will only include one entry for the applicant. Then if that applicant is drawn, their highest priority project will be awarded funding. Then the applicant will be added back into the lottery for a chance to be selected for their second highest priority project and so on. The department will draw until all projects in all applications have a drawing order, and will keep the drawing order to be used as alternatives in case any of the beneficiaries selected in the lottery decide not to participate in the program.

Table 1 lists all Missouri census tract IDs by county that are identified as LIDAC according to the Climate and Economic Justice Screening Tool (CEJST). The following link will allow you to enter an address or zipcode to see if it is located in a LIDAC.

[Explore the map - Climate & Economic Justice Screening Tool \(geoplatform.gov\)](#)

Table 1: Missouri LIDAC Communities by County

Census tract 2010 ID	County	Census tract 2010 ID	County	Census tract 2010 ID	County
29001950100	Adair	29009960200	Barry	29013070400	Bates
29001950200	Adair	29009960300	Barry	29015460100	Benton
29001950300	Adair	29009960401	Barry	29015460200	Benton
29001950900	Adair	29009960402	Barry	29015460300	Benton
29005950100	Atchison	29009960500	Barry	29015460400	Benton
29007950100	Audrain	29009960600	Barry	29015460800	Benton
29007950200	Audrain	29011960100	Barton	29017950100	Bollinger
29007950500	Audrain	29011960300	Barton	29017950200	Bollinger
29009960100	Barry	29013070300	Bates	29017950300	Bollinger

Census tract 2010 ID	County
29019000700	Boone
29019000900	Boone
29019001502	Boone
29019001503	Boone
29019002100	Boone
29021000300	Buchanan
29021000400	Buchanan
29021000500	Buchanan
29021000702	Buchanan
29021000900	Buchanan
29021001000	Buchanan
29021001100	Buchanan
29021001200	Buchanan
29021001500	Buchanan
29021002100	Buchanan
29021002400	Buchanan
29021003000	Buchanan
29023950100	Butler
29023950201	Butler
29023950202	Butler
29023950300	Butler
29023950400	Butler
29023950500	Butler
29023950600	Butler
29023950700	Butler
29023950800	Butler
29023950900	Butler
29025950100	Caldwell
29025950200	Caldwell
29029950200	Camden
29029950400	Camden
29029950500	Camden
29029950800	Camden
29029950900	Camden
29031880900	Cape Girardeau
29031881400	Cape Girardeau
29031881600	Cape Girardeau
29033960300	Carroll

Census tract 2010 ID	County
29035960100	Carter County
29035960200	Carter County
29037060904	Cass
29039870100	Cedar
29039870200	Cedar
29039870300	Cedar
29041470200	Chariton
29043020102	Christian
29045950200	Clark County
29045950300	Clark County
29047020201	Clay
29047020500	Clay
29047020602	Clay
29047022100	Clay
29051010600	Cole
29051020700	Cole
29053950300	Cooper
29053950400	Cooper
29055450102	Crawford
29055450200	Crawford
29055450302	Crawford
29055450400	Crawford
29057480100	Dade
29057480200	Dade
29059480100	Dallas
29059480200	Dallas
29061470200	Daviess
29063080100	DeKalb
29065960100	Dent
29065960200	Dent
29065960300	Dent
29065960400	Dent
29067950100	Douglas
29067950200	Douglas
29067950500	Douglas
29069360100	Dunklin
29069360200	Dunklin
29069360300	Dunklin
29069360400	Dunklin

Census tract 2010 ID	County
29069360500	Dunklin
29069360600	Dunklin
29069360700	Dunklin
29069360800	Dunklin
29069361000	Dunklin
29071800701	Franklin
29071800902	Franklin
29071801101	Franklin
29073960200	Gasconade
29073960400	Gasconade
29075960100	Gentry
29075960200	Gentry
29077000400	Greene
29077000501	Greene
29077000502	Greene
29077000600	Greene
29077001100	Greene
29077001302	Greene
29077001400	Greene
29077001700	Greene
29077001800	Greene
29077001900	Greene
29077002200	Greene
29077002300	Greene
29077002402	Greene
29077002700	Greene
29077003100	Greene
29077003200	Greene
29077003300	Greene
29077003600	Greene
29077004302	Greene
29077004400	Greene
29077004802	Greene
29077005500	Greene
29077005600	Greene
29077005800	Greene
29079960400	Grundy
29081950100	Harrison
29081950200	Harrison
29081950300	Harrison
29083950100	Henry

Census tract 2010 ID	County
29083950400	Henry
29083950500	Henry
29083950600	Henry
29085470100	Hickory
29085470300	Hickory
29085470500	Hickory
29087960100	Holt
29089960200	Howard
29091090100	Howell
29091090200	Howell
29091090300	Howell
29091090400	Howell
29091090500	Howell
29091090600	Howell
29091090700	Howell
29091090800	Howell
29093950100	Iron
29093950200	Iron
29093950300	Iron
29093950400	Iron
29095000300	Jackson
29095000600	Jackson
29095000700	Jackson
29095000800	Jackson
29095000900	Jackson
29095001000	Jackson
29095001800	Jackson
29095001900	Jackson
29095002000	Jackson
29095002100	Jackson
29095002200	Jackson
29095002300	Jackson
29095003400	Jackson
29095003700	Jackson
29095003800	Jackson
29095005200	Jackson
29095005300	Jackson
29095005400	Jackson
29095005500	Jackson
29095005601	Jackson
29095005602	Jackson

Census tract 2010 ID	County
29095005700	Jackson
29095005801	Jackson
29095006000	Jackson
29095006100	Jackson
29095006300	Jackson
29095006500	Jackson
29095007600	Jackson
29095007700	Jackson
29095007802	Jackson
29095007900	Jackson
29095008000	Jackson
29095008700	Jackson
29095008800	Jackson
29095008900	Jackson
29095009500	Jackson
29095009600	Jackson
29095009700	Jackson
29095010201	Jackson
29095010500	Jackson
29095010702	Jackson
29095011000	Jackson
29095011100	Jackson
29095011200	Jackson
29095011405	Jackson
29095011500	Jackson
29095011600	Jackson
29095011700	Jackson
29095011800	Jackson
29095011900	Jackson
29095012000	Jackson
29095012100	Jackson
29095012600	Jackson
29095012903	Jackson
29095012906	Jackson
29095013003	Jackson
29095013100	Jackson
29095013203	Jackson
29095013208	Jackson
29095013210	Jackson
29095013301	Jackson
29095013307	Jackson

Census tract 2010 ID	County
29095013309	Jackson
29095013405	Jackson
29095013410	Jackson
29095014004	Jackson
29095014902	Jackson
29095015300	Jackson
29095015400	Jackson
29095015500	Jackson
29095015600	Jackson
29095016000	Jackson
29095016100	Jackson
29095016200	Jackson
29095016300	Jackson
29095016400	Jackson
29095016500	Jackson
29095016600	Jackson
29095016900	Jackson
29095017000	Jackson
29095017100	Jackson
29095017200	Jackson
29095017400	Jackson
29095017500	Jackson
29095017800	Jackson
29095988300	Jackson
29097010600	Jasper
29097010800	Jasper
29097011000	Jasper
29097011100	Jasper
29097011200	Jasper
29097011600	Jasper
29097011700	Jasper
29097011800	Jasper
29097012200	Jasper
29099700605	Jefferson
29099701102	Jefferson
29099701200	Jefferson
29101960600	Johnson
29103960100	Knox
29103960200	Knox
29105960100	Laclede
29105960400	Laclede

Census tract 2010 ID	County
29105960500	Laclede
29105960600	Laclede
29107090200	Lafayette
29109470300	Lawrence
29109470400	Lawrence
29109470500	Lawrence
29109470601	Lawrence
29109470602	Lawrence
29111970200	Lewis
29113810100	Lincoln
29113810400	Lincoln
29115490300	Linn
29115490400	Linn
29117480300	Livingston
29117480500	Livingston
29119070100	McDonald
29119070200	McDonald
29119070300	McDonald
29119070400	McDonald
29121960100	Macon
29121960200	Macon
29121960400	Macon
29121960500	Macon
29123960100	Madison
29123960200	Madison
29123960300	Madison
29125880100	Maries
29127960500	Marion
29127960800	Marion
29127960900	Marion
29129470200	Mercer
29131962800	Miller
29131962900	Miller
29133950100	Mississippi
29133950200	Mississippi
29133950300	Mississippi
29133950400	Mississippi
29135385200	Moniteau
29135385400	Moniteau
29137960300	Monroe
29139970100	Montgomery

Census tract 2010 ID	County
29139970200	Montgomery
29139970300	Montgomery
29139970400	Montgomery
29141470100	Morgan
29141470200	Morgan
29141470300	Morgan
29141470400	Morgan
29141470500	Morgan
29143960100	New Madrid
29143960200	New Madrid
29143960300	New Madrid
29143960400	New Madrid
29143960500	New Madrid
29143960600	New Madrid
29145020100	Newton
29145020200	Newton
29145020300	Newton
29145020700	Newton
29145020800	Newton
29145020900	Newton
29145021000	Newton
29147470100	Nodaway
29147470200	Nodaway
29149480100	Oregon
29149480200	Oregon
29149480300	Oregon
29153470100	Ozark
29153470200	Ozark
29155470100	Pemiscot
29155470200	Pemiscot
29155470300	Pemiscot
29155470400	Pemiscot
29155470500	Pemiscot
29155470600	Pemiscot
29157470400	Perry
29159480300	Pettis
29159480400	Pettis
29159480500	Pettis
29159480600	Pettis
29159480700	Pettis
29159480800	Pettis

Census tract 2010 ID	County
29159480900	Pettis
29159481000	Pettis
29159481100	Pettis
29161890100	Phelps
29161890200	Phelps
29161890400	Phelps
29163460100	Pike
29163460200	Pike
29163460300	Pike
29163460400	Pike
29163460500	Pike
29165030002	Platte
29167960100	Polk
29167960200	Polk
29167960300	Polk
29169470101	Pulaski
29169470390	Pulaski
29171960100	Putnam
29171960200	Putnam
29175490200	Randolph
29175490300	Randolph
29175490400	Randolph
29179380100	Reynolds
29179380200	Reynolds
29181870100	Ripley
29181870200	Ripley
29181870300	Ripley
29181870400	Ripley
29183311500	St. Charles
29185480100	St. Clair
29185480200	St. Clair
29185480300	St. Clair
29187950300	St. Francois
29187950400	St. Francois
29187950600	St. Francois
29187950800	St. Francois
29187950902	St. Francois
29187951000	St. Francois
29187951100	St. Francois
29189210200	St. Louis
29189210300	St. Louis

Census tract 2010 ID	County
29189210400	St. Louis
29189210501	St. Louis
29189210502	St. Louis
29189210600	St. Louis
29189210702	St. Louis
29189210703	St. Louis
29189210704	St. Louis
29189211102	St. Louis
29189211201	St. Louis
29189211500	St. Louis
29189211801	St. Louis
29189211802	St. Louis
29189211900	St. Louis
29189212001	St. Louis
29189212002	St. Louis
29189212101	St. Louis
29189212102	St. Louis
29189212200	St. Louis
29189212500	St. Louis
29189212600	St. Louis
29189212700	St. Louis
29189213101	St. Louis
29189213102	St. Louis
29189213300	St. Louis
29189213400	St. Louis
29189213600	St. Louis
29189213800	St. Louis
29189213900	St. Louis
29189214100	St. Louis
29189214200	St. Louis
29189214300	St. Louis
29189214601	St. Louis
29189214602	St. Louis
29189214700	St. Louis
29189216000	St. Louis
29189216900	St. Louis
29189220300	St. Louis
29189221800	St. Louis
29195090100	Saline
29195090300	Saline
29195090400	Saline

Census tract 2010 ID	County
29195090600	Saline
29197470100	Schuyler
29197470200	Schuyler
29199480100	Scotland
29199480200	Scotland
29201780100	Scott
29201780300	Scott
29201780600	Scott
29201780700	Scott
29201781200	Scott
29203470100	Shannon
29203470200	Shannon
29205450200	Shelby
29205450300	Shelby
29207470100	Stoddard
29207470200	Stoddard
29207470300	Stoddard
29207470400	Stoddard
29207470500	Stoddard
29207470600	Stoddard
29207470700	Stoddard
29207470800	Stoddard
29209090200	Stone
29209090400	Stone
29209090602	Stone
29211480100	Sullivan
29211480300	Sullivan
29213480105	Taney
29213480106	Taney
29213480201	Taney
29213480202	Taney
29213480302	Taney
29213480401	Taney
29213480402	Taney
29215480100	Texas
29215480200	Texas
29215480300	Texas
29215480400	Texas
29217950100	Vernon
29217950200	Vernon
29217950300	Vernon

Census tract 2010 ID	County
29217950400	Vernon
29217950600	Vernon
29219820101	Warren
29219820102	Warren
29219820103	Warren
29221460100	Washington
29221460200	Washington
29221460300	Washington
29221460400	Washington
29221460500	Washington
29223690100	Wayne
29223690200	Wayne
29223690300	Wayne
29223690400	Wayne
29225470101	Webster
29225470102	Webster
29225470201	Webster
29225470202	Webster
29225470302	Webster
29225470401	Webster
29225470402	Webster
29229490100	Wright
29229490200	Wright
29229490300	Wright
29229490400	Wright
29510101500	St. Louis City
29510101800	St. Louis City
29510105300	St. Louis City
29510105400	St. Louis City
29510105500	St. Louis City
29510106100	St. Louis City
29510106200	St. Louis City
29510106300	St. Louis City
29510106400	St. Louis City
29510106500	St. Louis City
29510106600	St. Louis City
29510106700	St. Louis City
29510107200	St. Louis City
29510107300	St. Louis City
29510107400	St. Louis City
29510107500	St. Louis City

Census tract 2010 ID	County
29510107600	St. Louis City
29510108100	St. Louis City
29510108200	St. Louis City
29510108300	St. Louis City
29510109600	St. Louis City
29510109700	St. Louis City
29510110100	St. Louis City
29510110200	St. Louis City
29510110300	St. Louis City
29510110400	St. Louis City
29510110500	St. Louis City
29510111100	St. Louis City
29510111200	St. Louis City
29510111300	St. Louis City

Census tract 2010 ID	County
29510111400	St. Louis City
29510111500	St. Louis City
29510112200	St. Louis City
29510112300	St. Louis City
29510115100	St. Louis City
29510115200	St. Louis City
29510115300	St. Louis City
29510115400	St. Louis City
29510115500	St. Louis City
29510115600	St. Louis City
29510115700	St. Louis City
29510116100	St. Louis City
29510116302	St. Louis City
29510116400	St. Louis City

Census tract 2010 ID	County
29510118400	St. Louis City
29510120200	St. Louis City
29510121100	St. Louis City
29510121200	St. Louis City
29510124100	St. Louis City
29510124200	St. Louis City
29510124600	St. Louis City
29510125700	St. Louis City
29510126600	St. Louis City
29510126700	St. Louis City
29510126900	St. Louis City
29510127000	St. Louis City
29510127100	St. Louis City
29510127400	St. Louis City
29510127500	St. Louis City