



Projects Funded by DERA Grants in South Carolina

2021-2022 State DERA Projects in South Carolina

Entity	County	Project
Berkeley County Government	Berkeley	Berkeley County Government is seeking to reduce its diesel emissions by replacing a 1978 CAT Soil Compactor with a 2023 Bomag BW211DH-5.
Blossman Gas Inc.	Pickens	Blossman Gas is replacing three 2005-2012 Class 7 Tier 2 diesel delivery trucks with three 2024 Ford F-750 Class 7 33,000lbs vehicles with 7.3L V-8 Propane Autogas engine conversion kits.
Green Energy Biofuel	Fairfield	Green Energy Biofuel will be replacing a 2008 grease vacuum truck with a 2021 Mack vacuum truck. The truck will have 200-400 road miles daily thus decreasing the amount of diesel emissions within the community.

2020-2021 State DERA Projects in South Carolina

Entity	County	Project
Ruan	Florence	Vehicle replacement from old diesel to new EV - Ruan Transport Corporation would scrap an older Ottawa diesel yard tractor and replace with a new 100% electric T-Series Electric Terminal Tractor manufactured by Orange EV
Blossman	Pickens	Project would replace three class 7 2006 model year trucks with three class 7 2023 model year trucks. The new trucks will be converted to run on propane.
Benore	Spartanburg	Project would replace one 2006 class 8 diesel tractor with one zero emission Peterbilt 579EV tractor to serve in Greer, SC and the counties of Greenville and Spartanburg

2019-2020 State DERA Projects in South Carolina

South Carolina received funding for the 2019-2020 state allocation to award projects in our state. The following table displays ongoing projects funded through the DERA funds from this allocation.

Entity	County	Project
C.R. Jackson	Lexington	Replace two 2003 asphalt distributor trucks with three 2020 asphalt distributor trucks.
Green Energy Biofuel	Fairfield	Replace one 2000 vacuum truck with a 2020 vacuum truck, replace one 1998 service truck with a 2019 service tuck, and replace a 1998 vacuum truck with a 2020 vacuum truck.
Palmetto Propane	Lexington	Replace two 2007 tanker trucks with two 2021 tanker trucks and replace a 2001 and a 2007 diesel truck with two 2021 gasoline trucks.
W.P. Rawl	Pelion	Replace three 1998 tractors with three 2020 tractors.
Berkeley County School District	Berkeley	Replace a 2003 bucket truck with a 2021 bucket truck.
Haig Point Club & Community Association	Beaufort	Repower the Haig Point IV ferry from two 2010 Tier II marine diesel engines to two 2021 Tier III marine diesel engines.

2019 National DERA Projects in South Carolina

South Carolina received funding in 2019 from a competitive national request for proposals. The following table displays the current project funded through the DERA funds from this grant.

Entity	County	Project
South Carolina State Ports Authority	Charleston	Repower twelve Tier II constant speed hi-power diesel genset rubber tire gantry cranes with EPA-verified Tier IV variable speed hybrid battery/ genset systems.

2017-2018 State DERA Projects in South Carolina

South Carolina received funding for the 2017-2018 state allocation to award projects in our state. The following table displays completed projects funded through the DERA funds from this allocation.

Entity	County	Project
Capital Concrete	Lexington	Replace three concrete mixing trucks.
SEFA Transportation	Statewide	Replace eight class 8 day cab tractors.
Carolina Concrete	Laurens	Replace two class 8 concrete mixing trucks and one class 8 day cab tractor.

2016 National DERA Projects in South Carolina

South Carolina received funding in 2016 from a competitive national request for proposals. The following table displays the current project funded through the DERA funds from this grant.

Entity	County	Project
Fort Sumter Tours	Charleston	Repower one marine vessel; two propulsion engines and two generators with battery electric propulsion.

2014-2016 South Carolina State DERA Projects

South Carolina received funding for the 2014-2016 state allocation to award projects in our state. The following table displays completed projects funded through the DERA funds from this allocation.

Entity	County	Project
J.C. Wilkie Construction	Lexington/Statewide	Replace one pre-2003 <u>HD</u> dump truck with one 2013 or newer <u>HD</u> dump trucks and replace two pre 2003 <u>HD</u> on-road transports with two 2013 or newer on-road transport trucks.
South Carolina <u>Department of Education</u>	Statewide	Replace 16 school buses from 1988 to 2006 with 16 school buses 2014 or newer.
Capital Concrete	Lexington	Replace four concrete mixing trucks model year 1991-2003 with four 2013 or newer model year concrete mixing trucks.
South Carolina <u>Department of Education</u>	Statewide	Replace 13 school buses from 1988 to 2006 with 13 school buses 2016 or newer.

2012-2013 South Carolina State DERA Projects

South Carolina received funding for the 2012-2013 state allocation to award projects in our state. The following table displays successfully completed projects funded through the DERA funds from this allocation.

Entity	County	Project
South Carolina State Ports Authority	Charleston	Drayage truck replacement program for pre-1994 model trucks to be replaced with 2004 or newer trucks.
Midlands Biofuels, LLC	Fairfield	Clean fuels program to offset the cost of biodiesel for public entities.
Severt & Sons Produce	Statewide	Replace one pre-2004 long haul truck with one 2013 long haul truck.
Severt & Sons Produce	Statewide	Replace one pre-2004 long haul truck with one 2014 long haul truck.
J.C. Wilkie Construction	Lexington	Replace one 1999 <u>non-road</u> tire loader with a Tier 3 <u>non-road</u> tire loader and one 1993 heavy duty dump truck with a 2014 heavy-duty dump truck.

2012 National DERA Projects in South Carolina

South Carolina received funding in 2012 from a competitive national request for proposals. The following table displays successfully completed projects funded through the DERA funds from this grant.

Entity	County	Project
Stevens Towing Company, Inc.	Charleston	Repower of one tug with Tier II engines and repower one tug with Tier III engines.
Charleston Navigation Company	Charleston	Repower of pilot boat with Tier II engines and Tier III generators.
Midlands Biofuels, LLC	Statewide	Clean fuels program to offset the cost of biodiesel for public entities.
Terminal Investment Corporation (TICO)	Charleston	Replacement of 15 terminal tractors.
Moran Towing of Charleston	Charleston	Repower two tugs with Tier III generators.
South Carolina Forestry Commission	Statewide	Replace four 1996 transport trucks with two 2013 and two 2014 transport trucks.
W.P. Rawl	Statewide	Replace two farm tractors with Tier III tractors.
Severt & Sons Produce	Statewide	Replace six pre-2004 long haul trucks with 2013 long haul trucks.
South Carolina State Ports Authority	Charleston	Replace a diesel conveyor with an electric conveyor for agriculture commodities.
Convoy Solutions	Dillon	Install 33 space Truck Stop Electrification at the Flying J (I-95 exit 181).
Convoy Solutions	Spartanburg	Install 24 space Truck Stop Electrification at the <u>Pilot</u> (I-85 exit 63).
Blutide Marine Construction	Charleston	Repower one tug with Tier III engines.

2008-2011 South Carolina State DERA Projects

South Carolina received funding for the 2008-2011 state allocation to award projects in our state. The following table displays successfully completed projects funded through the DERA funds from this allocation.

Entity	County	Project
Greenville County	Greenville	Install seven DOCs and two engine repowers for the Recycling Center transport fleet.
USC	Richland	Retrofit six passenger busses with DPFs and CCVs.
USC	Richland	Purchase biodiesel processor to convert dining hall used cooking oil to biodiesel for use in campus vehicles.
Hanson Aggregates	Chesterfield, Greenville, Spartanburg, York	Repower two 2 water trucks, one haul truck and one motor grader.
Anderson County	Anderson	DPFs for two loaders.
Blythewood High School	Richland	Construction material for biodiesel building to process used cooking oil for use in onsite landscaping equipment.
Moran Towing of Charleston	Charleston	Convert one tug to ULSD and one tug to biodiesel.
South Carolina Public Railways	Charleston	Repower one Electro Motive Diesel locomotive.
Ashmore Brothers	Spartanburg	Replace one soil compactor.
Carolina contracting	Lexington	GMS - Grading Management System for grading dozer.
South Carolina Department of Corrections	Statewide	Replace one HD on-road truck.
Moore's Line Striping	Lexington	Purchase two HD on-road trucks and one light duty tractor - replace trench roller compactor and min-excavator.
South Carolina State Ports Authority	Charleston	Drayage Truck Program - replace 50 trucks with 2004 or new models.
City of Spartanburg	Spartanburg	Replace one tractor and two leaf machines.

2009 South Carolina State ARRA DERA Projects

South Carolina received additional funding for the 2009 state allocation from the American Recovery and Reinvestment Act to award projects in our state. The following table displays successfully completed projects funded through the DERA funds from this allocation.

Entity	County	Project
South Carolina Public Railways	Charleston	Repower two Electro Motive Diesel locomotives.
South Carolina Trucking Association	Statewide	Purchase and install 54 auxiliary power units on medium and HD trucks.
Vulcan Materials	Richland/Anderson	Repower two non-road haul trucks and one motor grader.
Carolina Contracting	Lexington	Repower dump truck.
Savannah River Site	Aiken	Retrofit nine emergency response vehicles with DOCs.
CMC Steel	Lexington	Replace engines in two forklifts.
Sutton Construction	York	Repower one motor grader.
City of Columbia	Richland	Install three DOCs and 17 partial flow filters on 20 on-road diesel trucks.
Lexington County	Lexington	Install 23 DOCs and 10 CCVs on county vehicles.
Spartanburg County	Spartanburg	Install 12 advanced emissions control devices on diesel generators and HD diesel vehicles.
City of Charleston	Charleston	Install five DOCs and three DPFs on City refuse/transfer trucks.
Greenville County	Greenville	Install DOCs and CCVs on 50 vehicles in public fleets.
Bowers Nursery	Lexington	Repower a 1964 crew cab truck with a 2007 compliant diesel engine.
Charleston County School District	Charleston	Purchase and install DOCs and CCVs on 30 buses.
University of South Carolina	Richland	Retrofit two garbage trucks with DPFs and CCVs.
South Carolina Forestry Commission	Statewide	Install 65 DOCs on off-road equipment.
South Carolina Department of Education	Statewide	Install GPSs on 176 school transportation vehicles to manage an anti-idling program.
Midlands Biofuels	Statewide	Clean fuels program to offset the cost of biodiesel for SC municipalities.
Lake Wylie Marina	York	Repower forklift from Tier I to Tier II.

DOC=Diesel Oxidation Catalyst
DPF=Diesel Particulate Filter
CCV=Closed Crankcase Ventilation

ULSD=Ultra Low Sulfur Diesel
GMS=Grading Management System
HD=Heavy Duty