

## 2017-2018 State DERA Projects in South Carolina

The following table displays completed projects funded through South Carolina's 2017-2018 State DERA allocations.

<b>Entity</b>	<b>County</b>	<b>Project</b>	<b>Funding Amount</b>
Carolina Concrete	Laurens	Replace one Class 8 day cab tractor.	\$48,432
Capital Concrete	Lexington	Replace two Class 8 concrete mixing trucks.	\$118,000
SEFA Transportation	Statewide	Replace eight Class 8 day cab tractors.	\$160,000
Carolina Concrete	Laurens	Replace two Class 8 concrete mixing trucks.	\$102,500

## 2016 National DERA Project in South Carolina

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

<b>Entity</b>	<b>County</b>	<b>Project</b>	<b>Funding Amount</b>
Fort Sumter Tours	Charleston	Repower one marine vessel using two propulsion engines and two generators with battery electric propulsion.	\$1,501,936

### 2014-2016 South Carolina State DERA Projects

The following table displays completed projects funded through South Carolina's 2014-2016 State DERA allocations.

Entity	County	Project	Funding Amount
J.C. Wilkie Construction	Lexington/Statewide	Replace one pre-2003 dump truck with one 2013 or newer dump truck, and replace two pre-2003 on-road transport trucks with two 2013 or newer on-road transport trucks.	\$120,000
South Carolina Department of Education	Statewide	Replace 16 school buses from 1988 to 2006 with 16 school buses 2014 or newer.	\$100,000
Capital Concrete	Lexington	Replace four concrete mixing trucks model year 1991-2003 with four 2013 or newer model year concrete mixing trucks.	\$247,872
South Carolina Department of Education	Statewide	Replace 13 school buses from 1988 to 2006 with 13 school buses 2016 or newer.	\$65,000

### 2012-2013 South Carolina State DERA Projects

The following table displays completed projects funded through South Carolina's 2012-2013 State DERA allocations.

Entity	County	Project	Funding Amount
South Carolina State Ports Authority	Charleston	Drayage truck replacement program. Used to replace pre-1994 model trucks with 2004 or newer trucks.	\$100,000
Midlands Biofuels, LLC	Fairfield	Clean fuels program to offset the cost of biodiesel for public entities.	\$23,390
Severt & Sons Produce	Statewide	Replace one pre-2004 long haul truck with one 2013 long haul truck.	\$15,000
Severt & Sons Produce	Statewide	Replace one pre-2004 long haul truck with one 2014 long haul truck.	\$30,000
J.C. Wilkie Construction	Lexington	Replace one 1999 non-road tire loader with a Tier 3 non-road tire loader and one 1993 heavy-duty dump truck with a 2014 heavy-duty dump truck.	\$100,000

## 2012 National DERA Projects in South Carolina

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

<b>Entity</b>	<b>County</b>	<b>Project</b>	<b>Funding Amount</b>
Stevens Towing Company, Inc.	Charleston	Repower one tug with Tier II engines and repower a second tug with Tier III engines.	\$329,600
Charleston Navigation Company	Charleston	Repower pilot boat with Tier II engines and Tier III generators.	\$491,262
Midlands Biofuels, LLC	Statewide	Clean fuels program to offset the cost of biodiesel for public entities.	\$21,576
Terminal Investment Corporation (TICO)	Charleston	Replace 15 terminal tractors.	\$268,867.20
Moran Towing of Charleston	Charleston	Repower two tugs with Tier III generators.	\$136,000
South Carolina Forestry Commission	Statewide	Replace four 1996 transport trucks with two 2013 and two 2014 transport trucks.	\$99,000
W.P. Rawl	Statewide	Replace two farm tractors with Tier III tractors.	\$18,115
Severt & Sons Produce	Statewide	Replace six pre-2004 long haul trucks with 2013 long haul trucks.	\$138,240
South Carolina State Ports Authority	Charleston	Replace a diesel conveyor with an electric conveyor for agriculture commodities.	\$30,000
Convoy Solutions	Dillon	Install 33 Truck Stop Electrification spaces at the Flying J station off I-95 exit 181.	\$70,000
Convoy Solutions	Spartanburg	Install 24 Truck Stop Electrification spaces at the Pilot station off I-85 exit 63.	\$43,000
Blutide Marine Construction	Charleston	Repower one tug with Tier III engines.	\$77,158.13

## 2008-2011 South Carolina State DERA Projects

The following table displays completed projects funded through South Carolina's 2008-2011 State DERA allocations.

<b>Entity</b>	<b>County</b>	<b>Project</b>	<b>Funding Amount</b>
Greenville County	Greenville	Install seven DOCs and CCV systems and repower two engines for the Recycling Center transport fleet.	\$34,727.54
USC	Richland	Retrofit five passenger busses with DPFs and CCV.	\$71,413
USC	Richland	Purchase a biodiesel processor to convert used dining hall cooking oil to biodiesel for use in campus vehicles.	\$20,142.85
Hanson Aggregates	Chesterfield, Greenville, Spartanburg, York	Repower two water trucks, one haul truck, and one motor grader.	\$95,245
Anderson County	Anderson	Purchase DPFs for two loaders.	\$2,947.09
Blythewood High School	Richland	Purchase construction materials for biodiesel building to process used cooking oil for use in onsite landscaping equipment.	\$3,150
Moran Towing of Charleston	Charleston	Convert one tug to ULSD and one tug to biodiesel.	\$33,737.34
South Carolina Public Railways	Charleston	Upgrade the emission control technology on one Electro Motive Diesel locomotive.	\$77,291.23
Ashmore Brothers	Spartanburg	Repower one soil compactor.	\$63,153
Carolina Contracting	Lexington	Purchase a grading management system for a grading dozer.	\$76,000
South Carolina Department of Corrections	Statewide	Replace one Class 6 on-road truck.	\$19,000
Moore's Line Striping	Lexington	Purchase two heavy duty on-road trucks, one light-duty tractor, one trench roller compactor, and utility vehicle.	\$256,500
South Carolina State Ports Authority	Charleston	Drayage Truck Program: replace 50 trucks with 2004 or newer models.	\$249,800
City of Spartanburg	Spartanburg	Replace one tractor and two leaf machines.	\$67,157.74

## 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 completed projects funded through the DERA funds from this allocation.

Entity	County	Project	Funding Amount
South Carolina Public Railways	Charleston	Repower two Electro Motive Diesel locomotives.	\$105,621
South Carolina Trucking Association	Statewide	Purchase and install 54 APUs on medium and heavy-duty trucks.	\$261,093
Vulcan Materials	Richland/Anderson	Repower three non-road haul trucks and one motor grader.	\$169,978.50
Carolina Contracting	Lexington	Replace one dump truck and one skid loader and convert construction equipment to ULSD fuel.	\$145,483
Savannah River Site	Aiken	Retrofit nine emergency response vehicles with DOCs.	\$26,617
CMC Steel	Lexington	Replace engines in two forklifts.	\$18,897.64
Sutton Construction	York	Repower one motor grader.	\$26,617.61
City of Columbia	Richland	Retrofit 19 medium and heavy-duty trucks with diesel multistage filters.	\$105,823.52
Lexington County	Lexington	Install 23 DOCs and 10 CCV on county vehicles.	\$25,332
Spartanburg County	Spartanburg	Install DPFs on nine fleet vehicles and install power for three regeneration stations.	\$132,295.18
City of Charleston	Charleston	Retrofit 19 medium and heavy-duty trucks with DOCs and DPFs.	\$101,558.07
Greenville County	Greenville	Install 46 DOCs and 14 CCVFs on government vehicles, post anti-idling signs, and develop education materials related to air quality.	\$96,586.53
Bowers Nursery	Lexington	Repower a 1964 crew cab truck with a 2007 compliant diesel engine.	\$64,300
Charleston County School District	Charleston	Purchase and install DOCs and CCV on 30 buses.	\$64,200
University of South Carolina	Richland	Replace one 1986 school bus with one 2011 school bus.	\$27,597
South Carolina Forestry Commission	Statewide	Install 65 DOCs on off-road equipment.	\$84,074

<b>Entity</b>	<b>County</b>	<b>Project</b>	<b>Funding Amount</b>
South Carolina Department of Education	Statewide	Install GPS devices on 369 school buses to help reduce idling and save fuel.	\$80,000
Midlands Biofuels	Statewide	Fund clean fuels program to offset the cost of biodiesel for SC municipalities.	\$8,263.31
Lake Wylie Marina	York	Repower one forklift from a Tier I engine to a Tier II engine.	\$11,057.96

**Abbreviations:**

DOC: Diesel Oxidation Catalyst

DPF: Diesel Particulate Filter

CCV: Closed Crankcase Ventilation

CCVF: Closed Crankcase Ventilation Filter

ULSD: Ultra Low Sulfur Diesel

APU: Auxiliary Power Unit