2017-2018 State DERA Projects in South Carolina

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

| **Entity** | **County** | **Project** | **Funding Amount** |
| --- | --- | --- | --- |
| 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.

| **Entity** | **County** | **Project** | **Funding Amount** |
| --- | --- | --- | --- |
| 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.

| **Entity** | **County** | **Project** | **Funding Amount** |
| --- | --- | --- | --- |
| 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.

| **Entity** | **County** | **Project** | **Funding Amount** |
| --- | --- | --- | --- |
| 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 |
| 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