

EPA GRANTS FOR DIESEL RETROFITS 2000-2010 (Compiled from EPA website info Nov 22, 2010)

Multi-state?	State(s)	Year	Sector	Recipient	Description	Amount
yes	AL, GA, KY, FL, MS, NC, SC, TN	2009 (ARRA)	Freight	American Lung Association	Install 200 low rolling resistance (LRR) tires; 55 battery powered air conditioners (AC) and seven engine replacement and repowers	\$1.2 million
yes	CA, NY, NJ	2009-2010	Freight	CALSTART Inc.	Retrofit up to 537 tractor-trailers operating in New York and New Jersey with aerodynamic technologies	\$500,576
yes	CO, MT, ND, SD, UT, WY	2009 (ARRA)	Freight	Cascade Sierra Solutions	Retrofit 51 trucks with diesel particulate filters (DPF) and 105 trucks with auxiliary power units (APU)	\$850,000
yes	CT, ME, MA, NH, RI, VT	2009 (ARRA)	Freight	Cascade Sierra Solutions (SmartWay Rebate)	Subsidize the purchase of approximately 1,887 pieces of idle reduction, reduced rolling resistance, aerodynamic, and emissions control equipment by owners of class eight trucks and trailers	\$1.15 million
yes	IN, WI, OH, MN	2009 (ARRA)	Freight	American Lung Association -	Diesel emission reduction projects for	\$3.72 million
yes	MA, NJ, NY	2009-2010	Construction	Northeast States for Coordinated Air Use Management	Repower nine construction tower gantry cranes with Tier 3-certified engines; retrofit one repowered crane with a diesel particulate filter (DPF)	\$1.42 million
yes	MA, NJ, NY	2009-2010	Ports	Northeast States for Coordinated Air Use Management	Repower or retrofit 48 pieces of cargo handling equipment at South Jersey Port Press Release	\$1.13 million
yes	MD, PA, VA	2009 (ARRA)	Construction, Ports, Freight, Public Fleet	Mid-Atlantic Regional Air Management Association	Retrofit 14 and replace six transit buses, repower two harbor craft, retrofit 25 dump trucks, replace six cement trucks, repower one locomotive, replace one truck	\$4.32 million
yes	MD, VA	2009 (ARRA)	Ports	Chesapeake Bay Foundation	Repower three education vessels, nine watermen work boats, two tug boats	\$1.3 million

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yes	ME, NH, VT	2009 (ARRA)	Ports	Northeast States for Coordinated Air Use Management	Repower eight marine vessels to EPA Tier 2 certified engines. Vessels include: four ferries, three tugboats and one sight-seeing excursion vessel	\$1.65 million
yes	NJ, NY	2009 (ARRA)	Ports	Port Authority of New York and New Jersey	Replace 636 drayage trucks	\$7 million
yes	NJ, NY, PR	2009 (ARRA)	Ports	Northeast States for Coordinated Air Use Management	Repower two ferries and three tugboats with Tier 2 engines	\$2.8 million
yes	NY-NJ	2008	Ports	Port Authority of New York & New Jersey	Offer a low-cost financing program in partnership with ACCION New York, Inc. for either the purchase of heavy-duty trucks retrofitted with EPA or CARB verified emission control technologies, or the repowering of used trucks. Program will cover 90 percent financing	\$750,000
yes	NY-NJ	2008	Utility	Port Authority of New York & New Jersey	Retrofit 30-40 utility trucks operated by the Port Authority with DPFs, including wrecker trucks, dump trucks, and line body enclosed utility trucks	\$280,500
yes	WI, MN	2009 (ARRA)	School Bus	National School Transportation Association	Replace 98 older school buses with 2007 busses; retrofit 62 busses with diesel particulate filters; install 26 fuel operated heaters	\$2.42 million
	AK	2006	Fuel	Alaska Energy Authority	Establish biodiesel production based on fish oil feedstock.	\$200,000
	AK	2006	School Bus	Arkansas Department of Environmental Quality	Retrofit 72 buses with DOCs.	\$126,518
	AL	2001	School Bus	Alabama Department of Environmental Management	Retrofit 70 buses with DOCs.	\$75,000
	AR	2009 (ARRA)	Construction	Arkansas Department of Environmental Quality	Upgrade 39 pieces of construction equipment	\$793,566
	AZ	2003	School Bus	Paradise Valley Unified School District #69	Retrofit 20 buses with DPFs, fuel 114 buses with ULSD.	\$300,000

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	AZ	2005	School Bus	Tucson Unified School District	Purchase 19 CNG buses.	\$493,003
	AZ	2007	School Bus	Arizona Department of Environmental Quality	Retrofit 80 buses with DPFs.	\$200,000
	AZ	2008	Utility	City of Phoenix	Replace twenty '02 engines with new engines with DPFs and electric cooling systems	\$553,604
	AZ	2009 (ARRA)	Public Fleet	City of Phoenix Department of Public Works	Retrofit 46 Refuse Haulers with diesel oxidation catalysts and/or diesel particulate filters	\$829,697
	AZ	2009-2010	Freight	Arizona Department of Commerce	Replace 12 heavy and medium duty trucks, two of which with all-electric; retrofit 97 trailers and tractors.	\$610,828
	CA	2002	Ports/Marine	South Coast Air Management District	Retrofit 25 yard hostlers with DOCs and CCVs.	\$75,000
	CA	2003	On-Road	Sacramento Metropolitan Air Quality Management District	Retrofit trucks with DOCs under the region's Fleet Modernization program.	\$100,000
	CA	2003	School Bus	Clovis Unified School District - Clovis, California	Retrofit 9 buses with DPFs, fuel with ULSD; Retrofit 53 buses with DOCs, fuel with emulsified diesel fuel.	\$286,700
	CA	2004	Locomotive	Sacramento Metropolitan Air Quality Management District	Retrofit commuter rail locomotives with DPFs and NOx reduction technology.	\$150,000
	CA	2004	Municipal	Los Angeles County Department of Public Works	Retrofit highway and nonroad vehicles with DPFs, fuel with ULSD.	\$50,000
	CA	2004	School Bus	San Diego Air Pollution Control District	Sub-grant program for San Diego County school districts to retrofit buses with DPFs.	\$355,000
	CA	2004	School Bus	South Coast Air Quality	Retrofit 100 buses with DOCs, replace 7	\$495,000
	CA	2005	School Bus	Napa Valley Unified School District	Purchase 3 hybrid electric buses.	\$30,000
	CA	2005	School Bus	Sweetwater Union High School	Replace 2 buses.	\$77,580
	CA	2005	School Bus	Visalia Unified School District	Replace 2 buses with CNG buses.	\$96,000

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	CA	2005	School Bus	Windsor Unified School District	Replace 2 buses with CNG buses, fuel 6 buses with B100.	\$182,977
	CA	2006	Construction	California Department of Transportation	Retrofit 14 nonroad construction vehicles with DPFs.	\$280,000
	CA	2006	Construction	City of Fresno	Retrofit 4 pieces of construction equipment.	\$110,000
	CA	2006	Construction	Los Angeles County Department of Public Works	Retrofit 13 construction vehicles, including loaders, excavators, motor graders.	\$160,000
	CA	2006	Fuel	City College of San Francisco	Build a consortium of bio-diesel advocates to help develop distribution and fueling infrastructure.	\$200,000
	CA	2006	Locomotive	South Coast Air Quality Management District	Retrofit Metrolink passenger locomotive with SCR and retrofit Pacific Harbor Line Switch Locomotive with DPF.	\$200,000
	CA	2006	On-road	Western United Resource Development	Repower milk hauling trucks to methane, fuel with biogas.	\$400,000
	CA	2006	Ports/Marine	City of Long Beach Harbor Department	Hybrid Yard Hostler Demonstration and Commercialization Project headed by the Port of Long Beach in partnership with the Port of Los Angeles.	\$300,000
	CA	2006	School Bus	Menifee Union School District	Replace 9 buses with CNG buses.	\$400,000
	CA	2006	School Bus	Southwest Transportation Agency	Replace 2 buses with CNG buses.	\$81,500
	CA	2006	School Bus	West County Transportation Agency	Replace 12 engines and retrofit with DPFs.	\$88,500
	CA	2007	Fuel	San Francisco Public Utilities Commission	Research and demonstrate Fats Oils and Grease (FOG)-to-biodiesel business model.	\$175,000
	CA	2007	On-road	San Joaquin Valley Unified Air Pollution Control District	Demonstrate 2 Class 6 hydraulic hybrid vehicles.	\$300,000
	CA	2007	School Bus	Community Environmental Council	Replace 1 bus with a plug-in diesel electric hybrid.	\$50,000

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	CA	2007	School Bus	Kern County Superintendents of Schools	Replace 7 buses with propane buses.	\$240,000
	CA	2008	Construction, Utility, Transit Bus	CALSTART, Inc.	Multiple approaches to reducing diesel emissions on shuttle buses and ground equipment at four major CA airports: LAX, SAN, OAK, SFO	\$895,827
	CA	2008	School Bus	Kern County Superintendents of Schools	Replace '87-'89 buses with 6 CNG school buses.	\$540,000
	CA	2008	Utility, School Bus	Sacramento Metropolitan Air Quality Management District	Two programs: 1. offset cost of purchasing 7 medium/heavy duty hybrid trucks; 2. offset cost to replace 15 '07/'10 certified hybrid electric school buses	\$553,360
	CA	2008	Long Hauls	South Coast Air Quality Management District	Retrofit 200 '99-'02 heavy-duty class 8 trucks with DPF	\$1,000,000
	CA	2009 (ARRA)	Ports, Freight	Bay Area Air Quality Management District (BAAQMD)	Install diesel particulate filters (DPF) on 103 delivery trucks	\$2 million
	CA	2009 (ARRA)	Freight	California Air Resources Board	Repower eight older switch yard (three engines per switcher) locomotives with new Tier 3 nonroad electrical generator set (genset) engines to operate in the South Coast	\$8.89 million
	CA	2009 (ARRA)	Construction	California Department of Transportation	Install Level 3 diesel particulate filters (DPF) on 46 engines	\$951,431
	CA	2009 (ARRA)	Freight, Ports	City of Los Angeles Harbor Department	Retrofit 27 vehicles including harbor vessels, trucks, sweepers, loaders, cranes, forklifts	\$1.99 million
	CA	2009 (ARRA)	Ports	Port of Long Beach	Replace, repower, or retrofit 118 pieces of cargo handling equipment	\$4.01 million
	CA	2009 (ARRA)	School Bus	San Diego County Air Pollution Control District	Replace, repower, or install diesel particulate filters (DPF) on 125 school buses	\$1.56 million
	CA	2009 (ARRA)	Agriculture	San Joaquin Valley Unified Air Pollution Control District	Repower 30 nonroad vehicles used by agriculture sector in San Joaquin Valley	\$2 million

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	CA	2009 (ARRA)	School Bus	San Joaquin Valley Unified Air Pollution Control District	Install diesel particulate filters (DPF) on 190 school buses operating in San Joaquin Valley	\$4 million
	CA	2009-2010	School Bus	Soboba Band of Luiseno Indians	Retrofit six school buses	\$78,000
	CA	2009-2010	School Bus	Morongo Band of Mission Indians	Retrofit seven vehicles with diesel particulate filters (DPF)s and replace two school buses with compressed natural gas (CNG) powered buses	\$250,000
	CA	2009-2010	Freight	California Air Resources Board	Repowering One Switch Yard Locomotive that Operates in the San Francisco Bay Air Basin Repower one older existing switch locomotive that operates in the San Francisco Bay Air Basin with new non-road engines, also known as a generator set switch locomotive	\$ 1 million
	CA	2009-2010	Freight	California Air Resources Board	Repowering One Switch Yard Locomotive that Operates in the San Joaquin Valley Air Basin Repower one older existing switch locomotive that operates in the San Joaquin Valley Air Basin with new non-road engines, also known as a generator set switch locomotive	\$1 million
	CA	2009-2010	Freight	California Air Resources Board	Repower two older Switch Yard Locomotives that operate in the South Coast Air Basin with new GENSET	\$1.9 million
	CA	2009-2010	Ports	Port of San Francisco	Design and install shore-to-ship electrical connection system for cruise ships berthed at Pier 27, Port of San Francisco	\$1 million

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	CA	2009-2010	Ports	City of Los Angeles Harbor Department	Install a natural gas powered shore-to-ship electrical connection system for berthed ocean-going vessels at Port of Los Angeles Press Release	\$1.21 million
	CA	2009-2010	Ports	City of Long Beach City Harbor Craft and Cargo-Handling	RRepower three harbor vessels and one piece of cargo-handling equipment; retrofit four pieces of cargo-handling equipment at Port of Long Beach	\$1.65 million
	CA	2009-2010	School Bus	South Coast Air Quality Management District	Replace 43 pre-1994 diesel school buses with compressed natural gas (CNG) powered school buses	\$1.07 million
	CA	2009-2010	Freight	San Joaquin Valley Unified Air Pollution Control District	Replace approximately 48 on-road heavy-duty trucks with trucks that meet or exceed the 2007 California Air Resources Board emission standard and utilize the cleanest technology available	\$1.80 million
	CO	2002	School Bus	Regional Air Quality Council	Retrofit 15-20 buses and 15-20 trucks.	\$50,000
	CO	2003	School Bus	Regional Air Quality Council	Sub-grant program for school districts to retrofit 160 buses with DOCs, fuel with biodiesel.	\$400,000
	CO	2004	Construction	Regional Air Quality Council	Retrofit nonroad vehicles at construction sites with DOCs and CCVs.	\$75,000
	CO	2004	School Bus	Littleton Public Schools	Fuel 67 buses with B20.	\$21,406
	CO	2005	Construction	City and County of Denver	Retrofit paving equipment.	\$125,000
	CO	2005	School Bus	Huerfano School District	Replace 2 buses.	\$57,520
	CO	2005	School Bus	Poudre School District	Retrofit 90 buses with DPF, DOCs, CCVs, install fuel-fired heaters for idle-reduction.	\$253,875
	CO	2005	School Bus	Town of Fairfield School District	Retrofit 50 buses with DPFs, fuel with ULSD.	\$369,000

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	CO	2006	Municipal	City of Aspen	Retrofit 6 highway and 5 nonroad vehicles with DOCs and CCVs, including dump trucks, street sweepers, graders. Retrofit street sweeper APUs with DOCs.	\$20,000
	CO	2006	On-road	Regional Air Quality Council	Install 15 APUs on semi tractors.	\$80,000
	CO	2006	School Bus	Durango School District 9-R	Retrofit 27 buses with DOCs, CCVs and pre-heaters.	\$126,900
	CO	2006	School Bus	Lamar School District	Retrofit 6 buses with DOCs, replace 2 buses.	\$152,460
	CO	2007	Municipal	City of Fort Collins	Retrofit 4 transit buses with partial DPFs and CCVs, Install cab heaters on 4 dump trucks.	\$40,000
	CO	2007	School Bus	Park School District R-3	Replace 3 buses.	\$114,750
	CO	2007	School Bus	Wiley School District RE-13JT	Replace 1 bus.	\$63,000
	CO	2008	Utility Construction	City and County of Denver	Retrofit 31 refuse vehicles with fuel operated hydraulic and cab heaters, 17 refuse vehicles with fuel operated cab heaters and 6 snow removal trucks with fuel operated cab heaters	\$200,000
	CO	2008	School Bus	Colorado Department of Public Health	Retrofit 98 school buses with DOCs, CCVs and engine pre-heaters	\$400,000
	CO	2008	School Bus	Regional Air Quality Council	Retrofit 98 school buses with DOCs and CCVs	\$455,645
	CO	2009 (ARRA)	Construction, Public Fleet	City and County of Denver	Install heaters on 48 refuse vehicles, nine snowplows; retrofit 53 vehicles with diesel oxidation catalysts; purchase 262,844 gallons of biodiesel	\$700,000
	CO	2009 (ARRA)	Freight	Colorado Department of Public Health and Environment	Retrofit 180 long haul trucks with auxiliary power units (APU)	\$850,000

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	CO	2009 (ARRA)	Freight, Public Fleet	Regional Air Quality Council	Retrofit 100 vehicles with auxiliary power units; repower one vehicle; retrofit 21 vehicles with diesel oxidation catalysts; purchase 56 heaters, 44 thermal coolers, 20 SmartWay trailer gap fairings, and 10 Smartway low rolling resistance tires	\$1.25 million
	CO	2009-2010	Freight, School Bus	Regional Air Quality Council Comprehensive Clear Skies and Climate Collaborative	Retrofit 118 trucks with auxiliary power units (APUs); retrofit 15 school buses and 46 public works vehicles with diesel oxidation catalysts (DOCs), retrofit 15 school buses and 23 public works vehicles with closed crankcase ventilation (CCV); retrofit 56 public works vehicles, with fuel operated heaters/hydro heaters; retrofit 27 school buses, five public works vehicles and 45 trucks with fuel operated heaters; retrofit 32 trucks with thermal coolers; retrofit 47 school buses, ten public works vehicles and 33 trucks with bunk heaters; replace two vehicles operating in the oil and gas fields with new, cleaner vehicles; install an estimated 25 sets of low rolling resistance tires on trucks; install 100 trailer skirts trucks	\$2.50 million
	CT	2002	School Bus	City of New Haven	Fuel 120 buses with ULSD	\$75,000
	CT	2004	Municipal	Town of Trumbull	Repower 3 diesel refuse haulers with CNG engines.	\$60,000
	CT	2005	School Bus	Regional School District No. 18	Retrofit buses with 19 DPFs, 1 DOC, fuel with ULSD.	\$167,817
	CT	2006	Construction	City of New Haven	Retrofit construction equipment operating at school construction sites.	\$119,855
	CT	2007	School Bus	Newtown Public Schools	Retrofit 60 buses with partial filters.	\$280,250

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	CT	2007	School Bus	Town of Mansfield	Retrofit 24 buses with DPFs.	\$246,600
	CT	2008	Utility, Construction	Connecticut Department of Environmental Protection	Retrofit thirteen HDD onroad trucks in state maintenance fleet with DOCs, retrofit four construction vehicles with DPFs, and retrofit seven air compressors with DPFs	\$50,000
	CT	2009 (ARRA)	Freight	Northeast States for Coordinated Air Use Management	Repower one vintage switch locomotive from one engine configuration to a three engine set (nonroad Tier 3 certified genset engines)	\$1.05 million
	CT	2009-2010	Construction	Fairfield Connecticut Municipal Vehicle Retrofit Project	Retrofit 39 on-road and non-road public works vehicles with diesel particulate filters (DPFs)	\$831,030
	DC	2000	Municipal	Washington Metropolitan Area Transit Authority	Retrofit 3 transit buses with lean NOx Catalysts and DPFs, fuel with ULSD.	\$50,000
	DC	2007	School Bus	District of Columbia Department of the Environment	Retrofit 22 buses with DPFs.	\$224,540
	DC	2008	Construction	Metropolitan Washington Council of Governments	Retrofit, repower and upgrade engines including tractors, loaders, and backhoes	\$598,516
	DC	2009-2010	Freight	Railroad Research Foundation of West Virginia	Repower one conventional diesel switcher locomotive engine with Ultra- Clean Generator Set (GENSET) diesel locomotive technology and controls	\$975,000
	DC	2009-2010	Construction, Port	Metro Washington Council of Governments	Retrofit seven municipal nonroad construction units and repower two passenger vessels operating on the Potomac	\$560,600
	DE	2006	School Bus	Brandywine School District	Retrofit 50 buses with DPFs.	\$570,000
	FL	2004	Municipal	Miami-Dade County Department of Environmental Resources Management	Retrofit community service buses with DOCs, fuel 500 vehicles with ULSD.	\$150,000

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	FL	2004	School Bus	Hillsborough County Environmental Protection Commission	Retrofit 170 buses with DOCs.	\$200,000
	FL	2005	School Bus	School Board of Pinellas County	Retrofit 76 buses with DOCs and CCVs, implement idle-reduction program..	\$150,000
	FL	2006	School Bus	Miami-Dade County Schools	Retrofit 145 buses with DOCs and CCVs.	\$171,000
	FL	2007	Construction	Orange County Environmental Protection Division	Retrofit 77 nonroad construction vehicles with DOCs.	\$60,378
	FL	2007	School Bus	Orange County Environmental Protection Division	Retrofit 258 buses with DOCs.	\$199,200
	FL	2008	Utility, Construction	City of St. Petersburg	Retrofit 63 on-highway vehicles with DPFs and use B20 blend of biodiesel	\$666,510
	FL	2009 (ARRA)	Public Fleet	City of Miami	Replace 17 refuse haulers and switch to biodiesel	\$731,850
	FL	2009 (ARRA)	School Bus	Leon County School Board	Replace six school buses with compressed natural gas buses	\$347,288
	FL	2009 (ARRA)	Agriculture	Miami-Dade Agriculture	Repower 300 agricultural pumps	\$2 million
	FL	2009 (ARRA)	Public Fleet	Miami-Dade County	Replace five buses with hybrid electrics and replace eight buses with newer engines	\$731,850
	FL	2009-2010	Construction	Florida Refrigeration and Air Conditioning Contractors	On 223 pieces of construction equipment, retrofit 149 with diesel oxidation catalysts (DOCs), repower 48, and replace 26 replacements	\$1.68 million
	FL	2009-2010	Ports	Miami-Dade County Miami Port Authority	Electrify four gantry cranes; retrofit 19 pieces of cargo handling equipment	\$1.51 million
	GA	2001	School Bus	Georgia Environmental Protection Division	Retrofit 60 buses with DOCs.	\$75,000
	GA	2004	School Bus	Georgia Adopt-A-School Bus Program	Develop a statewide Adopt-A-School Bus program, fund bus retrofits and ULSD.	\$490,000
	GA	2005	School Bus	Bibb County Board of Education	Retrofit 18 buses with DPFs, fuel with B20.	\$225,000

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	GA	2006	Construction	Georgia Department of Transportation	Retrofit 8 pieces of highway and nonroad equipment with DPFs or DOCs.	\$25,000
	GA	2006	School Bus	Clarke County School District	Retrofit buses with DOCs and CCVs.	\$113,998
	GA	2007	Municipal	City of College Park	Replace 4 refuse haulers with CNG refuse haulers.	\$117,437
	GA	2008	Ports	Georgia Ports Authority	Retrofit entire fleet of cargo handling equipment (133 units) at the Savannah port with DOCs and CCVs	\$250,000
	GA	2009 (ARRA)	Freight	Georgia Department of Natural Resources	Install a truck stop electrification (TSE) station with 85 spaces for long haul trucks	\$748,000
	GA	2009 (ARRA)	Ports	Georgia Port Authority	Install diesel oxidation catalysts (DOC) and closed crankcase ventilation (CCV) on 47 marine engines	\$164,000
	GA	2009 (ARRA)	School Bus	Cobb County Schools	Install diesel particulate filters (DPF) on 108 school buses	\$829,697
	GA	2009 (ARRA)	Public Fleet, School Bus	University of Georgia Research Foundation, Inc.	Install diesel particulate filters (DPF) on 238 vehicles (buses, emergency vehicles, and utility vehicles)	\$1.71 million
	GA	2009-2010	Public Fleet	University of Georgia Research Foundation Inc	Electrification of 17 port rubber gantry cranes	\$2.72 million
	HI	2005	Construction	American Lung Association of Hawaii	Replace engines of 2 off-highway trucks; 1 wheeled loader; and 2 generators with new diesel engines.	\$135,000
	HI	2006	Fuel	Honolulu Clean Cities	Project will explore and evaluate a number of crop materials to determine their suitability for producing biodiesel.	\$100,000
	HI	2009-2010	Construction	Honolulu Clean Cities Hawaii Clean Diesel Initiative	Convert 60 para-transit buses from ultra-low sulfur diesel (ULSD) fuel to B20 Biodiesel fuel; retrofit four pieces of construction equipment with diesel particulate filters (DPFs)	\$300,000

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	IA	2004	School Bus	Iowa Foundation for Education Administration	Retrofit 126 buses with DOCs, replace 3 bus engines, fuel with biodiesel.	\$250,000
	IA	2007	School Bus	Iowa Foundation for Educational Administration	Replace 10 buses.	\$256,479
	ID	2004	Agriculture	Idaho Department of Environmental Quality	Retrofit agricultural equipment with DOCs.	\$50,000
	ID	2005	Construction	Idaho Department of Environmental Quality	Retrofit 17 portable generators that power rock crushers and hot mix asphalt plants.	\$100,000
	ID	2005	School Bus	Basin School District #72	Retrofit 87 buses with DOCs, install 9 block heaters.	\$250,000
	ID	2006	Agriculture	Idaho Department of Environmental Quality	Replace pre-1996 engines.	\$100,000
	ID	2007	School Bus	Idaho Department of Environmental Quality	Retrofit 65 buses with DOCs and CCVs.	\$230,000
	ID	2008	School Bus	Idaho Dept of Environmental Quality	Retrofit 193 school buses with DPFs and DOCs and CCVs	\$500,000
	IL	2002	Locomotive	Chicago Department of the Environment	Retrofit switcher locomotive in rail yard to reduce idling.	\$60,000
	IL	2003	School Bus	Illinois Environmental Protection Agency	Retrofit 14 buses with DOCs.	\$20,800
	IL	2004	Construction	Illinois Environmental Protection Agency	Retrofit non-road construction equipment with DOCs.	\$60,000
	IL	2004	School Bus	City of Chicago	Retrofit buses with 20 DPFs,80 DOCs, fuel with ULSD.	\$315,000
	IL	2006	Municipal	University of Illinois Champaign Urbana	Retrofit 4 Champaign-Urbana Mass Transit District buses with DPFs.	\$50,000
	IL	2006	School Bus	American Lung Association of Greater Metropolitan Chicago	Retrofit 43 buses with DOCs and CCVs.	\$94,876
	IL	2006	School Bus	Taylorville Community Clean School Bus Project	Retrofit 26 buses with DPFs.	\$105,680
	IL	2007	Municipal	City of Chicago	Install diesel-fired engine coolant and hydraulic system heaters on 13 heavy-duty refuse haulers.	\$51,840

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	IL	2007	Municipal	Cook County Department of Environmental Control	Retrofit 26 vehicles with DOCs and 4 vehicles with DPFs.	\$103,297
	IL	2007	School Bus	American Lung Association of the Upper Midwest	Install idle-reduction equipment on 15 buses.	\$67,923
	IL	2008	School Bus	Chicago Public Schools	Retrofit school buses with DOCs and DPFs	\$373,909
	IL	2008	School Bus, Transit Bus, Utility	Illinois Environmental Protection Agency	Retrofit school buses, transit or passenger buses, delivery trucks, work trucks, onroad semi-trucks	\$678,604
	IL	2009 (ARRA)	Public Fleet	City of Chicago Department of the Environment	Retrofit vehicles with 163 diesel fired heaters, 35 diesel oxidation catalysts (DOCs), and replace two old vehicles with two hybrid electric aerial trucks	\$1 million
	IL	2009 (ARRA)	ALL	Illinois Environmental Protection Agency	Retrofit 21 fleets (approximately 675 diesel vehicles and/or engines) with auxiliary power units, diesel oxidation catalysts, diesel multi-stage filters, direct-fired heaters and engine repowers (replace with cleaner engines)	\$4.17 million
	IL	2009-2010	Freight, School Bus	American Lung Association of the Upper Midwest American Lung Association	Install 68 school bus retrofits, 170 school bus idle reduction controls; 97 idle reduction controls on long haul trucks; 30 aerodynamics on long haul trucks	\$1.5 million
	IL	2009-2010	School Bus	Metropolitan Mayors Caucus	Replace 52 school buses	\$500,000
	IN	2001	On-Road	Indiana Department of Environmental Management	Advanced Truck Stop Electrification, 50 spaces.	\$125,000
	IN	2004	School Bus	Indiana Department of Environmental Management	Retrofit 227 buses with DOCs.	\$250,000
	IN	2006	Locomotive	Indiana Department of Environmental Management	Retrofit 4 locomotives with 2 APUs and 2 slug units.	\$200,000
	IN	2006	School Bus	Fort Wayne Community Schools	Retrofit 30 buses with DOCs, fuel with biodiesel.	\$50,000

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	IN	2008	Transit Bus	Indiana Dept. of Environmental Management	Retrofit onroad vehicles (over-the-road semi-trucks), nonroad vehicles, rail with DOCs and DPFs	\$334,500
	IN	2008	Construction	Northwest Indiana Forum Foundation Inc.	Repower nonroad vehicles	\$164,032
	IN	2009-2010	Ports	South Shore Clean Cities Inc.	Repower marine vessels with 8 new engines certified to Tier 2 standards Press Release	\$630,500
	KS	2008	Trucks and Transit Buses	Kansas Department of Health & Environment	Retrofit 200 trucks and buses with DOCs with CCVs	\$1,525,524
	KS	2009 (ARRA)	Construction, Public Fleet	Johnson County Kansas Government	Repower, replace, or install diesel oxidation catalysts (DOC), diesel multi-stage filters (DMF), diesel particulate filters (DPF) on 176 vehicles/equipment	\$1 million
	KS	2009 (ARRA)	Construction, Freight, Public Fleet	Kansas Department of Health and the Environment	Replace, repower, and/or install automatic shutdown systems, diesel oxidation catalysts (DOC), low pressure resistance (LRR) tires on 176 vehicles	\$4 million
	KY	2005	School Bus	Campbell County School District	Retrofit buses with 30 DPFs, 20 DOCs and CCVs, replace 2 buses, fuel with ULSD and biodiesel.	\$341,000
	KY	2006	Construction	Kentucky Association of General Contractors	Kentucky Clean Diesel Construction Program will encourage the use of cleaner equipment by the construction industry statewide.	\$50,000
	KY	2006	School Bus	Montgomery County School District	Retrofit 67 buses with DOCs and CCVs.	\$171,000
	KY	2008	Ports	Kentucky Clean Fuels Coalition	Replace Perkins diesel engines with CARB certified gasoline engines; scrap old 92 engines, retrofit 3 terminal gates	\$473,939
	KY	2009 (ARRA)	Construction	Kentucky Association of General Contractors	Retrofit 87 pieces of construction equipment	\$2 million

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	KY	2009-2010	Construction, Ports	Louisville/Jefferson County Metro Government	Retrofit 73 pieces of nonroad construction equipment, four pieces of airport equipment, and three on-road vehicles with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs)	\$1.16 million
	LA	2006	School Bus	Caddo Parish Public Schools	Fuel 487 buses with B20.	\$53,599
	LA	2009 (ARRA)	Freight	Railroad Research Foundation	Repower four locomotives	\$2.93 million
	LA	2009-2010	Freight	Regional Planning Commission for Jefferson, Orleans, Parishes	Repower one conventional diesel locomotive engine with multiple GENSET engines	\$1.05 million
	MA	2002	Locomotive	Mass Bay Transportation Authority	Retrofit 1 locomotive with DOC, fuel with LSD.	\$94,579
	MA	2003	Municipal	Boston Air Pollution Control Commission	Retrofit 35 tourist trolley's with DOCs, fuel with ULSD.	\$64,000
	MA	2003	School Bus	City of Medford	Retrofit 54 buses with DPFs, fuel 65 buses with ULSD	\$483,300
	MA	2004	Municipal	City of Cambridge	Retrofit refuse haulers, dump trucks, bobcats, backhoes, and front loaders with DPFs, DOCs, CCVs, fuel with ULSD, biodiesel, cetane enhancers.	\$83,467
	MA	2004	Municipal	Northeast States for Coordinated Air Use Management	Retrofit refuse haulers with DOCs and CCVs, fuel with ULSD.	\$136,180
	MA	2004	Ports/Marine	Massachusetts Port Authority	Retrofit 36 cargo-handling tractors, reach stackers, and delivery trucks.	\$82,800
	MA	2005	Construction	Massachusetts Executive Office of Environmental Affairs	Retrofit 25 pieces of paving equipment, including milling machines, pavers, and rollers.	\$120,000
	MA	2006	Construction	Massachusetts Department of Environmental Protection	Subgrant program to retrofit up to 18 municipal construction vehicles with DOCs or DPFs.	\$50,145
	MA	2006	School Bus	ICLEI - Local Governments for Sustainability	Retrofit 100 buses with DOCs, fuel with biodiesel.	\$299,406

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	MA	2006	School Bus	Massachusetts Department of Environmental Protection	Sub-grant program to retrofit 98 buses with DOCs.	\$120,000
	MA	2007	Construction	Northeast States for Coordinated Air Use Management	Retrofit up to 5 pieces of construction equipment with DPFs.	\$102,110
	MA	2007	Ports/Marine	Maryland Environmental Service	Retrofit ocean going vessels serving Port of Baltimore.	\$125,000
	MA	2008	Ports	Massachusetts Port Authority	Install 6 power stations at the Fish Pier, enabling up to 12 additional fishing vessels to connect to shore power when docked, reducing unnecessary idling by 95%	\$400,000
	MA	2008	Rail	Northeast States for Coordinated Air Use Management	Install auxiliary power units on 17 locomotives operated by the Providence and Worcester RR - based in Valley Falls, RI; Plainfield and New Haven, CT; and Worcester, MA	\$535,250
	MA	2008	Construction	Northeast States for Coordinated Air Use Management	Retrofit up to 20 pieces of off-road equipment, including but not limited to backhoes, end loaders, excavators, crawler tractors, and cranes with active DPFs	\$400,000
	MA	2009 (ARRA)	Ports	Chelsea Collaborative	Repower 79 diesel transportation refrigeration units (TRU) with electric versions	\$1.56 million
	MA	2009 (ARRA)	Construction, Freight, Public Fleet	Chelsea Collaborative, Inc	Retrofit four long haul trucks, nine municipal vehicles, one rubber tire loader. Perform engine upgrades on four rubber tire loaders.	\$357,946
	MA	2009 (ARRA)	Public Fleet	Massachusetts Department of Environmental Protection	Install a combination of diesel multi-stage filters (DMF) and diesel oxidation catalysts (DOC) on 132 state-owned diesel vehicles	\$502,500

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	MA	2009-2010	Ports	Harbor Development Commission Port of New Bedford Shore-side Power Electrification Project	Install 16 verified shore-side electrification pedestals on two fishing piers in New Bedford Harbor; provide up to 100 rebates to commercial fishermen to assist with retrofitting their vessels with transfer switches to accommodate shore-side power Press Release	\$1 million
	MA	2009-2010	Freight	Massachusetts Bay Transportation Authority	Repower seven Locomotive Head End Power engines with new Tier 2-certified Head End Power engines Press Release	\$700,000
	MA	2009-2010	Freight	Northeast States for Coordinated Air Use Management	Retrofit 29 regional freight locomotives with Tier 3-certified auxiliary power units (APU)s	\$850,000
	MD	2003	On-Road	Maryland Department of the Environment	Fuel 165 mass transit buses with ULSD for 1 year.	\$100,000
	MD	2004	Municipal	Maryland Department of the Environment	Retrofit fire trucks and ambulances with DOCs and CCVs.	\$75,000
	MD	2005	Construction	Maryland Department of the Environment	Retrofit 5 nonroad front-end loaders with DPFs.	\$50,000
	MD	2006	Municipal	Mid-Atlantic Regional Air Management Association	Subgrant program to fund 4 Demonstration projects: City of Philadelphia, \$127,000 to the City of Pittsburgh to retrofit 12 refuse haulers with DPFs, Port of Maryland	\$300,000
	MD	2007	Ports/Marine	Maryland Environmental Service	Retrofit drayage trucks serving Port of Baltimore.	\$100,000
	MD	2007	School Bus	Baltimore City Public School System	Retrofit buses with 6 DPFs and 13 DOCs/reflash.	\$68,600
	MD	2008	Ports	MD Environmental Services	Reducing emissions from nonroad equipment used in dredging and waste material handling operations	\$361,107
	MD	2008	School Bus	Montgomery County Public Schools	Retrofit Montgomery County 72 School Bus with DPFs	\$699,501

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	MD	2009 (ARRA)	School Bus	Maryland Department of the Environment	Retrofit 76 school buses	\$1 million
	MD	2009 (ARRA)	Ports, Freight	Port of Baltimore (Maryland Environmental Services)	Retrofit two tugboats, seven locomotives, 50 short haul trucks, and 83 units of cargo handling equipment	\$3.5 million
	MD	2009-2010	Ports	Mid-Atlantic Regional Air Management Association (MARAMA)	Repower one tug with new engine certified to current emission standards	\$500,000
	MD	2009-2010	Freight	Maryland Transit Administration	Repower conventional switcher locomotive engine with Ultra-Clean Generator Set (GENSET) technology Press Release	\$975,000
	MD	2009-2010	Public Fleet	Maryland Transit Administration	Repower 12 2002-Neoplan 40 low floor transit buses currently powered by Detroit Diesel Series 50, 275 HP engines with reconditioned Cummins ISL-NX '07 280 HP diesel engines; retrofit with active regeneration diesel particulate filter (DPFs)	\$505,000
	ME	2003	School Bus	Maine Department of Environmental Protection	Sub-grant program for school districts to retrofit 266 buses with DOCs; purchase 180 new buses.	\$567,376
	ME	2005	School Bus	Maine School Administrative District #57	Retrofit 50 buses with DOCs and CCVs.	\$69,000
	ME	2006	School Bus	Maine Department of Environmental Protection	Retrofit 11 buses with partial-filters.	\$55,823
	ME	2009 (ARRA)	Construction	Maine Department of Environmental Protection	Retrofit nine highway construction vehicles and repower/retrofit twelve nonroad pieces of construction equipment	\$746,715
	ME	2009 (ARRA)	Freight	Maine Turnpike Authority	Install truck stop electrification with 30 spots at state-owned rest stop on I-95 corridor in Gardner, ME	\$1.21 million

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	ME	2009-2010	Ports	Maine Department of Environmental Protection	Repower 17 non-regulated marine engines with Tier 2-certified marine engines	\$571,638
	MI	2004	School Bus	Ann Arbor and Manchester Public Schools	Retrofit buses with 110 DOCs, 3 CCVs, fuel with B20.	\$95,357
	MI	2004	School Bus	Okemos Public Schools	Retrofit 50 buses with DOCs and CCVs.	\$70,000
	MI	2005	School Bus	Okemos Public Schools	Retrofit 372 buses with DOCs.	\$388,519
	MI	2005	School Bus	Traverse City Area Public Schools	Retrofit 122 buses with DOCs.	\$140,365
	MI	2006	School Bus	NextEnergy Center	Retrofit 58 buses with DOCs.	\$95,000
	MI	2006	School Bus	Tuscola Intermediate School District	Retrofit 24 buses with DOCs, fuel with biodiesel.	\$50,000
	MI	2007	School Bus	Elkton-Pigeon-Bay Port Laker Schools	Retrofit 19 buses with DOCs, replace 1 bus.	\$59,120
	MI	2007	School Bus	St. Clair County Regional Educational Services	Retrofit 183 buses with DOCs.	\$166,185
	MI	2008	School Bus	Lenawee Intermediate School District	Retrofit school buses with DPFs	\$154,381
	MI	2008	Construction	Michigan Clean Energy Coalition	Repower nonroad vehicles	\$250,000
	MI	2008	Long Haul Trucks	NextEnergy Center	Add auxiliary power units to Private trucks (over-the-road semi-trucks)	\$250,000
	MI	2008	School Bus	The Laker School District	Replace school buses, employ idle reduction, B20 and heaters	\$251,100
	MI	2009 (ARRA)	Ports	Great Lakes Commission	Repower four marine engines from Tier 0 to Tier 2; repowering service generator sets on two Great Lakes bulk carriers	\$1.21 million
	MI	2009 (ARRA)	School Bus	Greater Lansing Area Clean Cities	Retrofit 405 public school buses with diesel oxidation catalysts (DOCs) and replace six public school buses with newer, cleaner 2010 models	\$1.07 million

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	MI	2009 (ARRA)	School Bus	Lenawee School District	Replace older buses with two hybrid electric school buses, ten 2010-compliant school buses; retrofit 41 school buses with diesel particulate filters (DPFs) and closed crankcase ventilation (CCV)	\$1.23 million
	MI	2009-2010	Construction	Clean Energy Coalition Clean Energy Coalition	Upgrade engines on 21 pieces of construction equipment	\$600,000
	MI	2009-2010	Construction	Michigan Infrastructure and Transportation Association	Repower 29 construction vehicles in southeast Michigan	\$966,555
	MI	2009-2010	School Bus	Okemos Public Schools	Retrofit 247 school buses with idle reduction technologies	\$877,076
	MN	2006	Municipal	Fond du Lac Band of Chippewa	Retrofit 20 highway and nonroad vehicles with DOCs.	\$25,000
	MN	2006	Municipal	Minnesota Environmental Initiative	Retrofit 19 public fleet trucks and /or equipment with DOCs and CCVs.	\$49,140
	MN	2006	School Bus	Minnesota Environmental Initiative	Retrofit 100 buses with DOCs.	\$145,294
	MN	2007	Ports/Marine	Minnesota Environmental Initiative	Retrofit 4 350-450 horsepower 1996 to 2001 wheel loaders, provide engine upgrade system on a 1994 350 horsepower wheel loader, and install timer module engine idle-reduction equipment on the four retrofitted wheel loaders.	\$76,455
	MN	2007	School Bus	Minnesota Environmental Initiative	Retrofit buses with 2 DPFs, 75 DOCs and CCVs.	\$125,500
	MN	2008	School Bus, Utility	Minnesota Environmental Initiative	Retrofit school buses, municipal trucks, nonroad vehicles with DOCs and CCVs	\$400,000

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	MN	2009 (ARRA)	Construction, Locomotive, Long Haul, School Bus	Minnesota Environmental Initiative	Emissions reductions from 684 diesel vehicles/equipment including school buses, construction equipment, locomotives, and long haul trucks; Includes 588 diesel retrofit technologies, 72 idle reduction technologies, 22 engine repowers and two vehicle replacements	\$3 million
	MN	2009-2010	Public Fleet	Leech Lake Band of Ojibwa	Repower four refuse haulers	\$134,404
	MN	2009-2010	Construction, Freight, School Bus	Minnesota Environmental Initiative	Install 150 DOC's and 93 closed-crankcase filtration systems on school buses; install 59 diesel oxidation catalysts (DOCs) on heavy-duty trucks and construction equipment; install 13 diesel multistage filters on cement trucks and other pieces of construction equipment; install EPA-certified Emissions Upgrade Group; repower seven pieces of construction equipment with newer, EPA-certified engines	\$977,242
	MN	2009-2010	Freight	Leech Lake Band of Ojibwa	Repowering four on road tandem dump trucks	\$136,404
	MO	2004	Municipal	American Lung Association of Missouri	Retrofit 22 refuse haulers with DOCs and CCVs.	\$124,952
	MO	2005	School Bus	Kansas City School District #33	Retrofit 275 buses with DOCs.	\$250,000
	MO	2006	School Bus	Mid-America Regional Council	Retrofit 1,957 buses with DOCs, fuel with biodiesel.	\$215,985
	MO	2007	School Bus	Community Partnership of the Ozarks, Inc.	Retrofit 91 buses with DPFs, DOCs and CCVs.	\$130,301
	MO	2008	School Bus	Grace Hill Settlement House	469 buses	\$454,849
	MO	2008	Construction	Missouri Department of Natural Resources	About 150 pieces of construction equipment	\$726,227

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	MO	2009 (ARRA)	Construction, Freight, Ports, School Bus, Public Fleet	Grace Hill	Retrofit, repower, and/or replace than 575 vehicles will be targeted for retrofits; install idle reduction technologies on some of the vehicles; vehicle/engine types include barge, airport ground support equipment, delivery trucks, school buses, construction	\$2 million
	MO	2009 (ARRA)	School Bus	Missouri Department of Natural Resources	Replace, repower, or install diesel oxidation catalyts (DOC), diesel particulate filters (DPF) on 142 vehicles	\$975,609
	MO	2009-2010	Freight, School Bus	Missouri Department of Natural Resources	Replace nine school buses with buses meeting 2010 emissions standards; retrofit 45 concrete mixers and 14 trash trucks with diesel oxidation catalyts (DOCs); retrofit 474 school buses with either diesel oxidation catalyts (DOCs) or fuel operated heaters; retrofit three locomotives with automatic engine shut down / start up devices and auxiliary power units (APUs) Press Release	\$1.8 million
	MO	2009-2010	School Bus	National School Transportation Association	Replace five old buses with new 2010 buses; install 45 fuel-operated heaters Press Release	\$362,642
	MO	2009-2010	Freight	Owner - Operator Independent Drivers Association	Install 300 auxiliary power units (APUs) on long-haul trucks Press Release	\$1 million
	MS	2003	School Bus	Columbus Municipal School District	Retrofit 47 buses with DOCs.	\$66,000
	MS	2004	School Bus	Moss Point Public School District	Retrofit 31 buses with DOCs, implement idle-reduction program.	\$50,000
	MS	2009 (ARRA)	School Bus	Columbus, MS Municipal School District	Replace 30 school buses	\$1.45 million

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	MS	2009-2010	Freight	Mississippi State University	Retrofit tso fleets with 100 battery operated air conditioners (BAC)s	\$1.1 million
	MT	2004	School Bus	Missoula Area Clean School Bus Program	Fuel 8 buses with B20.	\$4,500
	MT	2006	School Bus	Billings School District	Retrofit 15 buses with DPFs.	\$131,129
	MT	2009 (ARRA)	Public Fleet	Montana Department of Environmental Quality and Decker Coal	Repower four coal dump trucks	\$700,000
	MT	2009-2010	Freight	Missoula County	Retrofit 34 diesel locomotives with auxiliary power units (APUs)	\$1.13 million
	NC	2002	School Bus	Mecklenburg County	Retrofit 58 buses with DOCs.	\$49,129
	NC	2002	School Bus	Western North Carolina Regional Air Quality Agency	Retrofit 88 buses with DOCs.	\$75,000
	NC	2003	School Bus	Western North Carolina Regional Air Quality Agency	Sub-grant program for rural counties to retrofit 321 buses with DOCs.	\$274,455
	NC	2006	Construction	Mecklenburg County	Retrofit 5 or more pieces of nonroad construction equipment with partial DPFs.	\$25,000
	NC	2006	School Bus	Cumberland County Schools	Retrofit 60 buses with DOCs and CCVs.	\$110,000
	NC	2008	Rail and Ports	Meckenburg County	Subgrant construction equipment for retrofits and upgrades	\$750,000
	NC	2008	Construction	North Carolina Department of Environment and Natural Resources	Repowers and engine replacements for construction equipment	\$750,000
	NC	2009 (ARRA)	Agriculture, Construction	Mecklenburg County	Repower 28 engines and replace six engines	\$1.12 million
	NC	2009 (ARRA)	School Bus	North Carolina Department of Public Instruction	Retrofit or replace 127 school buses	\$509,000
	ND	2006	School Bus	Medina High School	Replace 1 bus.	\$31,051
	ND	2006	School Bus	Sawyer Public School District 16	Replace 2 buses.	\$59,400
	ND	2007	School Bus	Williston Public School District #1	Retrofit 12 buses with DPFs, replace 7 buses, replace 1 engine.	\$247,378

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	ND	2009 (ARRA)	School Bus	Mid-Dakota Education Cooperative	Emission reduction on 142 school buses. Include replacing nine school buses and install heaters on 66 engines	\$450,000
	NE	2004	School Bus	Lincoln Public Schools	Retrofit 118 buses with DOCs.	\$150,000
	NE	2005	School Bus	Omaha Public Schools	Retrofit 202 buses with DOCs, fuel with biodiesel.	\$300,000
	NE	2009 (ARRA)	Freight	University of Nebraska-Lincoln Nebraska Transportation Center (UNL/NTC)	Retrofit approximately 187 vehicles with EPA-verified idle reduction technologies	\$1 million
	NE	2009 (ARRA)	Construction, Freight, Public Fleet, School Bus	Lincoln-Lancaster County Health Department	Retrofit 211 vehicles with EPA-verified idle reduction technologies	\$1 million
	NH	2004	School Bus	New Hampshire Department of Environmental Services	Retrofit 45 buses with DOCs and CCVs.	\$100,000
	NH	2007	School Bus	New Hampshire School Administrative Unit 41	Retrofit 25 buses with DPFs and CCVs, fuel fleet with biodiesel (B20 Biodiesel).	\$162,850
	NH	2008	School Bus, Construction, Utility	Manchester Transit Authority	Retrofit 72 city owned vehicles with DOCs, including highway, water and parks and recreation vehicles; Retrofit 7 transit style school buses with CCVs, install 10 s-bar heaters on school buses, and fuel entire fleet with B20 blend of biodiesel	\$229,703
	NJ	2004	School Bus	Vineland Board of Education	Retrofit 94 buses with DOCs, install 20 idling-time monitors.	\$180,000
	NJ	2008	Trucks	New Jersey Motor Truck Association	Provide funding to NJ Truckers to retrofit 1994 and newer HDD Delivery Trucks with a combination of APUs, bunk heaters, DOCs, and DPFs	\$503,285
	NJ	2009 (ARRA)	Freight	Cascade Sierra Solutions	Retrofit 789 trailers with aerodynamic technology	\$1.4 million

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	NM	2004	School Bus	New Mexico Energy, Minerals and Natural Resources Department	Replace 3 buses with CNG buses.	\$105,000
	NV	2007	School Bus	Clark County School District	Retrofit 97 buses with DOCs and CCVs.	\$200,000
	NY	2003	Municipal	New York State Department of Transportation	Retrofit 20 highway maintenance vehicles with DOCs, fuel with ULSD.	\$98,600
	NY	2003	School Bus	Corning-Painted Post Area School District	Retrofit 17 buses with DPFs, fuel 19 buses with ULSD.	\$149,694
	NY	2004	School Bus	New York State Energy Research and Development Authority	Retrofit 334 buses with DPFs or DOCs.	\$504,037
	NY	2005	Construction	New York State Energy Research and Development Authority	Retrofit non-road construction vehicles and equipment.	\$100,000
	NY	2005	School Bus	Greece Central School District	Retrofit 244 diesel school buses with DOCs and CCVs.	\$255,685
	NY	2005	School Bus	Sachem School District	Retrofit 156 buses with DOCs.	\$187,200
	NY	2005	School Bus	Ulster - Board of Cooperative Education Services	Replace 1 bus.	\$34,899
	NY	2006	Locomotive	Port Authority of New York and New Jersey	Retrofit diesel locomotive utility track vehicles with 2 DOCs, install 5 idle reduction devices.	\$125,000
	NY	2006	School Bus	Elmira City	Retrofit 48 buses with DOCs.	\$47,200
	NY	2006	School Bus	Erie County	Retrofit 128 buses with DOCs and CCVs.	\$298,960
	NY	2006	School Bus	Katonah-Lewisboro School District	Retrofit 45 buses with DPFs.	\$410,000
	NY	2006	School Bus	New York State Energy Research & Development Authority	Retrofit buses throughout New York.	\$171,041
	NY	2007	On-road	New York State Energy Research and Development Authority	Retrofit of 15 delivery trucks with partial DPFs and CCVs.	\$150,000
	NY	2007	School Bus	Erie County	Retrofit 42 buses with DOCs and CCVs, install 20 heaters for idle-reduction.	\$173,997

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	NY	2007	School Bus	Yonkers Public Schools	Retrofit buses with 10 DPFs, 40 DOCs and CCVs.	\$300,000
	NY	2008	Transit Bus	Capital District Transportation Authority	Retrofit 195 transit buses that operate in 4 counties with DPFs	\$125,000
	NY	2008	School Bus	Board of Cooperative Educational Services	Replace two school buses with buses that meet the 2010 standard	\$130,690
	NY	2008	Utility	Environmental Defense Fund	Replace up to 19 HDDV with fuel efficient hybrid electric medium/heavy duty trucks region-wide	\$400,000
	NY	2008	School Bus	Erie County Department of Environmental Planning	Retrofit 240 school buses with combination of DOCs and CCVs and equip 10 school buses with fuel-fired heaters	\$523,395
	NY	2008	School Bus	Middle Country Central School District	Replace five 1996 diesel school buses with CNG school buses	\$359,305
	NY	2008	School Bus	Scarsdale Union Free School District	Retrofit 69 school buses with combination of DOCs and CCVs	\$301,063
	NY	2009 (ARRA)	Construction	Columbia University	Retrofit 78 pieces of construction equipment with diesel particulate filters (DPFs)	\$2 million
	NY	2009 (ARRA)	Freight	New York State Department of Transportation	Replace one switcher locomotive engine with three engines	\$1.05 million
	NY	2009 (ARRA)	Ports	Port Authority of New York and New Jersey	Install shore power at the Brooklyn Cruise Terminal	\$2.86 million
	NY	2009-2010	Ports	Nassau County Police Department	Repower ten main and five auxiliary engines with Tier 2-certified engines on five patrol boats	\$708,397
	NY	2009-2010	Ports	New York City Department of Transportation	Repower four main and two auxiliary engines on one commuter ferry with Tier 2-certified engines	\$2 million
	NY	2009-2010	Ports	The Port Authority of NY & NJ	Replace 125 pre-2003 model year drayage trucks with 2007-certified trucks	\$1.58 million
	OH	2003	School Bus	Cleveland Municipal School District	Retrofit 36 buses with DPF, fuel with ULSD.	\$300,000

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	OH	2003	School Bus	Hamilton County Department of Environmental Services	Retrofit 34 buses with DOCs, fuel 74 buses with B-20 for 10 months.	\$95,500
	OH	2003	School Bus	Regional Air Pollution Control Agency, Combined Health District of Montgomery County	Retrofit 70 buses with DOCs.	\$67,975
	OH	2005	School Bus	Bexley City School District	Retrofit 6 buses with DOCs and CCVs, replace 2 buses.	\$66,600
	OH	2005	School Bus	Cleveland Municipal School District	Retrofit 45 buses with DPFs, fuel with ULSD.	\$300,000
	OH	2005	School Bus	Cuyahoga County Board of Mental Retardation	Retrofit 39 buses with DOCs.	\$29,993
	OH	2006	Municipal	Mid-Ohio Regional Planning Commission	Retrofit 9 vehicles and 40 transit buses with DOCs, install coolant heaters on 21 refuse haulers for idle reduction, fuel with biodiesel.	\$150,000
	OH	2006	School Bus	Worthington Schools	Retrofit 26 buses with DOCs and CCVs, replace 1 bus.	\$74,000
	OH	2007	School Bus	Board of Education Canton Local School District	Retrofit buses with 9 DPFs, 15 DOCs, 24 CCVs, replace 2 buses.	\$154,848
	OH	2007	School Bus	Hamilton County Board of Commissioners	Retrofit 60 buses with DOCs and CCVs, replace 3 buses.	\$118,000
	OH	2008	Utility	Clean Fuels Ohio	Retrofit municipal vehicles with DPFs	\$412,554
	OH	2008	Ports, Utility, Refuse	Ohio Environmental Council	Retrofit municipal vehicles with DOCs, DPFs, CCVs, and APUs	\$394,589
	OH	2008	School Bus	Stark County Educational Service Center	Retrofit school buses with DPFs, DOCs and CCVs and replace school buses	\$465,364
	OH	2009 (ARRA)	School Bus	Hamilton County Environmental Services	Replace 60 school buses	\$1.08 million

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	OH	2009 (ARRA)	Construction, School Bus, Freight	Ohio Department of Development	Thirteen projects include rail engine repowers, municipal and school bus replacements, hybrid electric school bus replacements, construction repowers and retrofits, municipal vehicle retrofits, and idle reduction technologies	\$5 million
	OH	2009-2010	Construction, Freight, School	Clean Fuels Ohio	Install idle reduction technologies on 21 school buses and 73 long haul trucks; repower two pieces of construction equipment; repower one delivery vehicle using compressed natural gas (CNG); replace one piece of construction equipment	\$750,000
	OH	2009-2010	Construction, Freight, School Bus	Ohio Regional Planning Commission	Install 175 idle reduction and 156 diesel retrofits on school buses; install idle reduction on 23 long haul trucks, four construction units; repower and retrofits on 18 pieces of municipal equipment	\$1.23 million
	OK	2005	School Bus	Crutcho Public Schools	Retrofit 1 bus, replace 2 buses, fuel with B20.	\$69,730
	OK	2006	Municipal	Central States Air Resources Agency	Subgrant program to fund 3 projects: \$44,125 for a hydrogen generator in Dallas, TX; \$116,098 to the Iowa Department of Natural Resources in Des Moines, IA; \$55,000 to the Missouri Department of Natural Resources in St. Louis, MO.	\$225,000
	OK	2006	School Bus	Fort Sill Apache Tribe	Retrofit buses with 2 DPFs, 7 DOCs, replace 11 buses, repower 4 engines.	\$176,674

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	OK	2007	Municipal	Central States Air Resources Agency	Subgrant program to fund 4 projects: \$60,588 to the City of Houston, TX; \$50,000 to the Iowa Department of Natural Resources in Des Moines, IA; \$70,000 to the Kansas Department of Health and Environment in Topeka, KS; \$64,828 to the Missouri Department of Natural Resource in St. Louis, MO.	\$225,000
	OK	2007	School Bus	Howe School District I-67	Replace 3 buses.	\$116,161
	OK	2009 (ARRA)	School Bus	Oklahoma Department of Environmental Quality	Retrofit or replace 180 school buses	\$1.85 million
	OR	2002	School Bus	Oregon Dept of Environmental Quality	Retrofit 12 buses with DPFs, fuel with ULSD.	\$75,000
	OR	2003	Fuel	Lane Regional Air Pollution Authority	Fuel nonroad equipment and heavy-duty highway vehicles with ULSD.	\$100,000
	OR	2004	School Bus	Lane Regional Air Pollution Authority	Retrofit 42 buses with DPFs, make ULSD available to 15 fleets across Oregon.	\$500,000
	OR	2005	Construction	Oregon-Columbia Chapter of Association of General Contractors	Retrofit and upgrade engines on construction equipment.	\$120,000
	OR	2005	School Bus	Eugene School District 4-J	Retrofit 95 buses with DOCs, fuel with B20.	\$150,000
	OR	2006	Municipal	Oregon Heath And Science University	Retrofit, hospitals.	\$250,000
	OR	2006	On-road	Cascade Sierra Solutions	Initiation of a program to retrofit trucks.	\$200,000
	OR	2006	School Bus	Bethel School District	Retrofit 64 buses with DOCs and CCVs.	\$120,000
	OR	2006	School Bus	South Lane School District 45J3	Replace 9 buses, fuel with B20.	\$270,000
	OR	2007	School Bus	Oregon Department of Environmental Quality	Retrofit buses with 11 DPFs, 22 DOCs, 11 CCVs.	\$230,000

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	OR	2008	Construction, Public Fleets	City of Portland	Retrofit 64 pieces of construction equipment used for public works projects in the City of Portland and Multnomah County	\$498,726
	OR	2009 (ARRA)	Freight	Cascade Sierra Solutions - Trailer Aerodynamics Program	Retrofit 1,554 heavy-duty diesel-powered trailers with verified aerodynamic technologies	\$907,072
	OR	2009 (ARRA)	Construction, Public Fleet	City of Portland	Install verified diesel particulate filters (DPFs), partial flow filters (PFFs), and diesel oxidation catalysts (DOCs) on construction equipment; Pilot a clean diesel contracting policy	\$1.62 million
	OR	2009-2010	Ports	Oregon Department of Environmental Quality	Repower four pilot launch boats and one towboat with certified engine technology	\$482,476
	PA	2001	School Bus	Pennsylvania Department of Environmental Protection	Retrofit buses with 27 DPFs, 14 DOCs, fuel 75 buses with ULSD.	\$50,000
	PA	2003	School Bus	General McLane School District	Retrofit 40 buses with DOCs.	\$60,200
	PA	2003	School Bus	North Allegheny School District	Retrofit 84 buses with DOCs, fuel with ULSD.	\$125,000
	PA	2004	School Bus	Upper Darby School District	Retrofit 58 buses with DPFs, fuel with ULSD.	\$485,000
	PA	2005	Municipal	Clean Air Council	0	\$100,000
	PA	2005	School Bus	Chester County Intermediate Unit	Retrofit 33 mini-buses with DPFs.	\$175,000
	PA	2005	School Bus	Great Valley School District	Retrofit 33 buses with DPFs.	\$200,000
	PA	2006	School Bus	West Chester Area School District	Retrofit 50 buses.	\$325,000
	PA	2007	School Bus	School District of Philadelphia	Retrofit 140 buses with DOCs & CCV.	\$253,492
	PA	2008	Utility Vehicle	City of Philadelphia	Replace 15 refuse haulers	\$750,000
	PA	2008	Rail	Pennsylvania Department of Transportation	Retrofit line-haul locomotive with APUs	\$219,434

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	PA	2009 (ARRA)	Construction, Freight, Public Fleet	Allegheny County Health Department	Replace two transit buses with diesel hybrid; retrofit 35 dump trucks; repower one locomotive; upgrade 23 construction vehicles	\$3.5 million
	PA	2009 (ARRA)	Freight	Department of Environmental Protection	Repower pre-1973 locomotives with a four-axle locomotive powered with an engine approaching Tier 3 emission standards (Mother) and a four-axle platform consisting of four traction motors without an engine (Slug)	\$1.5 million
	PA	2009-2010	Ports	Clean Air Council Clean Air Council	Retrofit 30 diesel vehicles with partial flow-through filters (PFFs); retrofit 30 vehicles with diesel oxidation catalysts (DOCs); replace two diesel service vehicles	\$350,000
	PA	2009-2010	public fleet	City of Philadelphia	Replace eight buses with high efficiency diesel-powered buses	\$475,669
	PA	2009-2010	Ports	Port of Pittsburgh Commission	Repower four marine vessels with eight new and efficient Tier II engines and generators Press Release	\$1.16 million
	PR	2007	School Bus	Polytechnic University of Puerto Rico	Retrofit 61 buses with DOCs.	\$183,441
	PR	2009-2010	Ports	Autoridad de Transporte Maritimo	Repower two main and two auxiliary marine engines on two passenger ferries with Tier 2-certified engines Press Release	\$517,220
	RI	2004	School Bus	Warwick Public School Department	Retrofit buses with 20 DPFs, 20 DOCs, fuel 72 buses with B20/ULSD.	\$350,000
	RI	2009 (ARRA)	Public Fleet	City of Providence	Retrofit 40 Class 7 trucks and two dumpers/tenders with DPFs	\$565,100
	SC	2005	Construction	York Technical College	Retrofit 50 vehicles with DOCs, including backhoes, bulldozers, motor graders and others.	\$95,040

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	SC	2005	School Bus	South Carolina Department of Education	Retrofit 111 buses with DOCs and CCVs, replace 12 buses, fuel 1220 buses with biodiesel.	\$499,099
	SC	2007	School Bus	South Carolina Department of Education	Retrofit 450 buses with CCVs, install 500 GPS tracking devices for idle-reduction.	\$244,500
	SC	2008	Utility, Construction	South Carolina State Ports Authority	Engine repower, ULSD, idle reduction technology for about 50 trucks and 40 cranes	\$735,001
	SC	2009 (ARRA)	School Bus	South Carolina Department of Education	Retrofit and replace 504 school buses	\$553,918
	SC	2009 (ARRA)	Ports	South Carolina Port Authority	Repower 36 pieces of cargo handling equipment, two tugboats, and one dredge. Install diesel multi-stage filters (DMF) on 40 trucks	\$2 million
	SD	2007	School Bus	National School Transportation Association	Retrofit buses with 45 DOCs, 14 CCVs.	\$117,585
	SD	2008	School Bus	Sioux Falls School District	Replace 6-7 school buses	\$300,000
	SD	2009 (ARRA)	School Bus	Sioux Falls School District	Replace ten school buses and install heaters on 20 school buses	\$500,000
	TN	2004	School Bus	Chattanooga-Hamilton County	Retrofit 83 buses with DOCs.	\$100,000
	TN	2007	School Bus	Sumner City School District	Retrofit 260 buses with DPFs and CCVs.	\$412,000
	TN	2008	Utility, Construction, Agricultural	Knox County Government	Retrofit 119 nonroad engines with emission controls and ULSD	\$163,871
	TN	2009 (ARRA)	Freight	East TN Clean Fuel Coalition Crossville	Install 50 truck stop electrification (TSE) spaces in two locations	\$581,849
	TN	2009 (ARRA)	Freight	Tennessee Department of Transportation	Install truck stop electrification area with 175 spaces	\$2 million
	TX	2003	School Bus	Texas State Energy Conservation Office	Retrofit 73 buses with DPFs, fuel with ULSD.	\$700,000
	TX	2004	Ports/Marine	Port of Houston Authority	Retrofit rubber-tired gantry cranes and terminal tractors with DOCs, fuel with emulsified diesel.	\$150,000

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	TX	2005	School Bus	Pasadena Independent School District	Replace 8 buses.	\$219,625
	TX	2005	School Bus	Pearland Independent School District	Retrofit 120 buses with DOCs, fuel with ULSD.	\$162,279
	TX	2006	School Bus	Brazosport School District	Retrofit 14 buses with DOCs.	\$28,822
	TX	2006	School Bus	Capital Area Council of Governments	Retrofit 40 buses with DPFs, DOCs, CCVs, purchase 1 plug-in hybrid electric bus, fuel with B20.	\$145,049
	TX	2006	School Bus	National School Transportation Association	Sub-grant program for school bus contractors to retrofit buses with CCVs.	\$152,700
	TX	2006	School Bus	North Central Texas Council of Governments	Sub-grant program for school districts to retrofit buses.	\$176,674
	TX	2006	School Bus	Spring Branch Independent School District	Replace 15 buses.	\$400,000
	TX	2007	School Bus	Alamo Area Council of Governments	Retrofit buses with 5 DPFs, 29 DOCs, replace 2 buses.	\$157,259
	TX	2007	School Bus	Capitol Area Council of Governments	Retrofit buses with 10 partial filters, 98 DOCs, 10 CCVs.	\$193,700
	TX	2007	School Bus	Houston Galveston Area Council of Governments	Retrofit 47 buses with DPFs and CCVs.	\$200,000
	TX	2007	School Bus	North Central Texas Council of Governments	Replace 24 buses: 6 CNG, 4 clean diesel, 14 propane.	\$200,000
	TX	2008	Trucks	North Central Texas Council of Governments	Retrofit 20 heavy duty diesel vehicles	\$750,000
	TX	2008	Utility	North Central Texas Council of Governments	Retrofit 150 utility vehicles with APUs	\$750,000
	TX	2008	School Bus	Texas Commission on Environmental Quality	Retrofit approximately 100 school buses	\$500,000
	TX	2009 (ARRA)	Freight	City of Houston	Replace 72 long haul trucks with hybrids	\$2.37 million
	TX	2009 (ARRA)	Freight	North Central Texas Council of Governments	Replace/repower 180 long haul trucks	\$2.19 million
	TX	2009 (ARRA)	Freight	North Central Texas Council of Governments	Install low rolling resistance (LRR) tires, aerodynamics, and auxiliary power units (APU) on 390 long haul trucks	\$1.55 million

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	TX	2009 (ARRA)	Ports	Port of Houston Authority	Replace/repower 96 marine engines	\$2.86 million
	TX	2009 (ARRA)	Ports	Port of Houston Authority	Replace/repower 25 marine engines	\$611,466
	TX	2009 (ARRA)	Public Fleet	VIA Metropolitan Transit	Repower approximately 75 transit buses	\$1.6 million
	TX	2009-2010	Freight	Houston Advanced Research Center	Install auxiliary power units (APUs) on long-haul diesel trucks Press Release	\$496,000
	TX	2009-2010	Freight	Cascade Sierra Solutions	Retrofits, vehicle replacements, idle reduction and aerodynamic technologies on school buses, and medium and heavy-duty trucks	\$1.15 million
	TX	2009-2010	Ports	Port of Houston Authority	Fuel switching to a low-sulfur fuel (less than or equal to 0.2 percent) for 21 ocean going vessels that call on the Port of Houston Press Release	\$1.49 million
	TX	2009-2010	Construction	North Central Texas Council of Governments	Upgrade Tier zero and/or Tier one construction equipment through replacements, repowers, and/or retrofits Press Release	\$500,000
	TX	2009-2010	Freight	North Central Texas Council of Governments	Install Truck Stop Electrification (TSE) at various location in North Central Texas Press Release	\$500,000
	TX	2009-2010	School Bus	North Central Texas Council of Governments	Replace, repower, retrofit, or install idle reduction technology on school buses in a 16 county area Press Release	\$500,000
	TX	2009-2010	Ports	Port of Corpus Christi Locomotive Switch Engine Repower Project	Repower existing 1,000 horsepower locomotive switch engine with two 700 horsepower GENSET engines Press Release	\$1.03 million
	UT	2003	School Bus	Salt Lake Clean Cities Coalition	Replace 10 buses with CNG buses.	\$350,000
	UT	2005	School Bus	Jordan School District	Replace 5 buses with CNG buses.	\$180,000
	UT	2006	School Bus	Cache County School District	Retrofit 23 DOCs and CCVs, install 10 pre-heaters for idle-reduction.	\$69,020
	UT	2007	Municipal	Utah Department of Air Quality	Retrofit 20 Utah DOT snowplow vehicles with DOCs and CCVs.	\$40,000

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	UT	2007	School Bus	Utah Department of Environmental Quality	Retrofit 47 buses with DOCs and CCVs.	\$126,000
	UT	2008	School Bus	Utah Dept of Air Quality	Retrofit 190 school buses with DOCs and CCVs	\$399,955
	UT	2009 (ARRA)	Agriculture	Utah Department of Environmental Quality	replace 12 engines, repower 26 engines and install 25 auxiliary power units (APU)	\$750,000
	VA	2003	School Bus	National School Transportation Association	Retrofit demonstration project.	\$500,000
	VA	2004	Municipal	Fairfax County Department of Public Works	Retrofit refuse haulers, transfer tractors, and other dump trucks with DOCs, fuel with ULSD.	\$75,000
	VA	2005	School Bus	Richmond School District	Retrofit 197 buses DOCs.	\$274,000
	VA	2007	Locomotive	Virginia Port Authority	Repower 3 switcher locomotives with 1 2000 HKP hybrid locomotive and 2 2000 HP GenSet locomotives, fuel with ULSD.	\$750,000
	VA	2007	School Bus	Hampton Roads Clean Cities	Retrofit 100 buses with DOCs, replace one bus, fuel fleet with biodiesel.	\$143,068
	VA	2008	Ports	Virginia Port Authority	Replace 2 locomotives	\$647,457
	VA	2009 (ARRA)	Public Fleet, School Bus	Virginia Clean Cities (Hampton Roads)	Retrofit with 35 transit buses with diesel particulate filters (DPFs) and/or diesel oxidation catalysts plus closed crankcase ventilation; retrofit one refuse hauler, replace four school buses, and replace of 24 refuse haulers.	\$1 million
	VA	2009-2010	Construction	James Madison University Virginia	Repower 11 pieces of construction equipment Press Release	\$710,000
	VA	2009-2010	School Bus	National School Transportation Association	Purchase five new 2010 buses; Install 45 fuel operated heaters to reduce school bus idling	\$362,642
	VA	2009-2010	Ports	Virginia Port Authority Dredging Repower Project	Repower two main engines of one dredge vessel	\$775,000

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	VT	2005	School Bus	Windham Northeast Supervisory Union	Replace 5 buses.	\$173,000
	VT	2006	School Bus	Vermont Department of Environmental Conservation	Retrofit 25 buses with DOCs and CCVs, install auxiliary heaters.	\$194,494
	VT	2008	Utility	Chittenden Solid Waste District	Replace 3 older diesel refuse/recycling trucks with CNG models	\$205,523
	WA	2000	School Bus	Puget Sound Clean Air Agency	Retrofit 20 buses with DPFs, DOCs, fuel with ULSD.	\$128,100
	WA	2001	Municipal	Puget Sound Clean Air Agency	Retrofit trucks with DPFs or DOCs, fuel 400 vehicles with B20.	\$10,000
	WA	2001	Municipal	Puget Sound Clean Air Agency	Retrofit transit buses with DOCs.	\$50,000
	WA	2001	Ports/Marine	Puget Sound Clean Air Agency	Fuel 1 ferry with ULSD, 2 ferries with B20, 29 ferries to on-road diesel.	\$40,900
	WA	2001	School Bus	Puget Sound Clean Air Agency	Retrofit 1 bus with DPF, fuel with ULSD	\$24,600
	WA	2001	School Bus	Puget Sound Clean Air Agency	Fuel buses with ULSD	\$10,000
	WA	2001	School Bus	Puget Sound Clean Air Agency	Fuel buses with ULSD	\$15,000
	WA	2001	School Bus	Puget Sound Clean Air Agency	Retrofit buses with DOCs.	\$5,400
	WA	2002	Municipal	North West Air Pollution Authority	Retrofit 34 transit buses with DPFs, fuel with ULSD.	\$65,000
	WA	2002	School Bus	Puget Sound Clean Air Agency	Retrofit 58 buses with DOCs.	\$65,000
	WA	2003	Municipal	National Park Service	Retrofit 18 vehicles with DOCs or DPFs (construction equipment, plow trucks, dump trucks), fuel 37 vehicles and 2 generators with B20.	\$100,000
	WA	2003	School Bus	Puget Sound Clean Air Agency	Retrofit buses with 21 DPFs, 139 DOCs, fuel with ULSD.	\$366,000
	WA	2004	Municipal	Yakima Regional Clean Air Authority	Retrofit utility fleet of highway and nonroad vehicles and equipment with DOCs.	\$75,000
	WA	2004	Ports/Marine	Port of Tacoma	Retrofit straddle carriers with DOCs.	\$75,000
	WA	2005	School Bus	Peninsula School District	Replace 8 buses.	\$300,000
	WA	2006	Municipal	King County Department of Transportation	Purchase 10 hybrid diesel-electric utility trucks.	\$250,000
	WA	2006	Ports/Marine	Kitsap Transit	Repower 1 passenger ferry with 2 2007 model year engines and DPFs.	\$100,000

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	WA	2006	Ports/Marine	Puget Sound Clean Air Agency	Install salt water scrubber technology on marine vessels.	\$300,000
	WA	2006	School Bus	Educational Service District 105	Replace 1 bus.	\$26,410
	WA	2006	School Bus	Tacoma School District #010	Retrofit buses with 156 DOCs, 43 CCVs.	\$153,590
	WA	2007	School Bus	Bainbridge Island School District #303	Replace 2 buses.	\$50,000
	WA	2007	School Bus	Washington Department of Ecology	Replace 5 buses.	\$179,400
	WA	2008	Ports	Puget Sound Clean Air Agency	Replace 10 off-highway trucks ahead of planned retirement with onroad engines; Retrofit 74 pieces of cargo handling equipment with DPF or partial-flow filters and/or closed crankcase ventilation filters	\$850,000
	WA	2009 (ARRA)	Ports	Port of Tacoma	Retrofit two ocean-going vessels; Add certified ship-side technology	\$1.49 million
	WA	2009 (ARRA)	Freight	Puget Sound Clean Air Agency	Repower three locomotive switcher engines	\$2.53 million
	WA	2009-2010	Freight	Pacific Northwest Poll Prev Res Center	Install 2,058 dry van trailers with EPA SmartWay verified aerodynamic technologies	\$875,972
	WA	2009-2010	School Bus	Washington Department of Ecology	Idle reduction for school buses; Install 230 school buses with engine pre-heater and cabin heaters	\$875,972
	WI	2004	Municipal	City of Milwaukee	Retrofit refuse haulers with DOCs.	\$90,000
	WI	2005	Construction	Wisconsin Department of Natural Resources	Retrofit 30-50 pieces of construction equipment with DOCs, fuel with ULSD.	\$100,000
	WI	2005	School Bus	Madison Metropolitan School District	Retrofit buses with 253 DOCs, 47 CCVs.	\$291,470
	WI	2006	Municipal	Wisconsin Dept. of Natural Resources	Retrofit at least 21 refuse haulers with DOCs.	\$50,000
	WI	2006	On-road	Wisconsin Dept of Commerce	Retrofit up to 25 heavy-duty diesel trucks that operate in Wisconsin.	\$50,000

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	WI	2006	School Bus	Middleton-Cross Plains Community Schools	Retrofit 59 buses with DOCs, fuel with biodiesel.	\$50,000
	WI	2007	School Bus	Manitowoc Public School District	Install 14 Webasto Heaters for idle-reduction.	\$37,271
	WI	2007	School Bus	Norwalk-Ontario-Wilton Schools	Retrofit 9 buses with DOCs and CCVs, replace 1 bus, install 10 idle-reduction devices.	\$86,353
	WI	2008	Construction	WI Department of Transportation	Repower nonroad vehicles	\$750,000
	WI	2009 (ARRA)	Freight	Wisconsin Department of Commerce	Retrofit approximately 444 vehicles with various idle reduction technologies	\$2.07 million
	WI	2009 (ARRA)	Freight	Wisconsin Department of Natural Resources	Install an idle reduction system on 40 switcher locomotives (Wisconsin & Southern Railroad and Canadian Pacific Railroad)	\$571,107
	WI	2009-2010	Freight, School Bus	Leonardo Academy Inc.	Install 37 aerodynamic technologies, 35 low rolling resistance tires, 46 idle reduction on long haul trucks and 34 on school buses, 8 school bus retrofit technologies, and 5 municipal engine upgrades.	\$600,000
	WI	2009-2010	Construction, Freight, School Bus	Wisconsin Department of Natural Resources	Replace 26 buses; retrofit 26 buses; idle reduction technologies for 28 vehicles; engine upgrades for five vehicles; repower three construction vehicles	\$1.18 million
	WY	2007	School Bus	Albany County School District #1	Retrofit 2 buses with DPFs and CCVs.	\$20,987
	WY	2009 (ARRA)	Construction	Wyoming Department of Environmental Quality	Repower ten engines; install 50 diesel oxidation catalysts (DOCs) and 13 diesel particulate filters (DPF); install 17 engine upgrades	\$1.34 million