

## NORTHEAST (EPA REGIONS 1 AND 2) PROJECTS FUNDED VIA DERA "NATIONAL" COMPETITIONS

Year	State	Fleet(s)	Recipient	Description	EPA Funding
2009-2010	CT	Construction	Fairfield Connecticut Municipal Vehicle Retrofit Project	Retrofit 39 on-road and non-road public works vehicles with diesel particulate filters (DPFs)	\$831,030
2009 ARRA	CT	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
2008	CT	Utility, Construction	Connecticut Department of Environmental Protection	Retrofit 13 state owned onroad trucks DOCs; retrofit four construction vehicles with DPFs; retrofit seven air compressors with DPFs	\$49,867
2009 ARRA	CT, MA, ME, NH, RI, VT	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
2011	CT, MA, RI	Transit Buses	Greater Hartford Transit District	Repower six buses belonging to Peter Pan Bus Lines	\$295,398
2015	NJ	Ports, Short Haul	Port Authority of New York & New Jersey	Replace 26 drayage trucks	\$1 million
2014 Ports	NJ	Ports	New Jersey Department of Environmental Protection	Replace four Tier 1 marine propulsion engines with Tier 4 certified engines <a href="#">Press Release</a>	\$1.4 million
2012	NJ	Rail	New York, Susquehanna & Western Railway	Repower 2 unregulated switcher locomotives with new engines meeting either a Tier 2 or a Tier 3 locomotive engine	\$1.47 million
2014	NJ, NY	Marine	New Jersey Clean Cities Coalition	Repower seven marine vessels with 13 Tier 3 engines - <a href="#">Press Release</a>	\$589,025
2014	NJ, NY	Marine	The Connecticut Maritime Foundation	Repower two Tier 0 marine propulsion engines in one ferry with Tier 3 engines <a href="#">Press Release</a>	\$600,000
2013	NJ, NY	Ports	Connecticut Maritime Foundation	Repower one tug with two propulsion engines from Tier 0 to Tier 3	\$600,000
2013	NJ, NY	Ports	New Jersey Clean Cities Coalition	Repower two tugs and one supply vessel from Tier 0 to Tier 3 (6 engines)	\$587,918
2012	NJ, NY	Marine, Ports and Airports	Conservation Law Foundation (CLF) Ventures	Repower 2 Tier 0 marine propulsion engines in one vessel with EPA Tier 3-certified engines	\$1.3 million
2013	NY	Municipal	Niagara Frontier Transportation Authority	Retrofit 19 transit buses with DPFs	\$115,874

2012	ME	Marine, School Bus	Maine Department of Environmental Protection	Replace four school buses with compressed natural gas (CNG) buses; Repower two vessels with two marine propulsion and four auxiliary engines to Tier 3	\$1.39 million
2011	MA	Ports and Airports	Massachusetts Port Authority (Massport)	Replace 20 Class 8b dray trucks with new 2007 emissions-compliant trucks	\$500,000
2011	MA	Delivery Truck	Chelsea Collaborative Inc.	Replace 11 diesel transport refrigeration units with electric units; install truck stop electrification	\$280,000
2011	MA	Construction	Massachusetts Department of Environmental Protection	Retrofit roughly 25 wheeled loaders with diesel particulate filters	\$373,750
2009-2010	MA	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 <a href="#">Press Release</a>	\$1 million
2009-2010	MA	Freight	Massachusetts Bay Transportation Authority	Repower seven Locomotive Head End Power engines with new Tier 2-certified Head End Power engines <a href="#">Press Release</a>	\$700,000
2009-2010	MA	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). Takes place in NJ,NY.	\$1.42 million
2009-2010	MA	Freight	Northeast States for Coordinated Air Use Management	Retrofit 29 regional freight locomotives with Tier 3-certified auxiliary power units (APUs)s	\$850,000
2009-2010	MA	Ports	Northeast States for Coordinated Air Use Management	Repower or retrofit 48 pieces of cargo handling equipment at South Jersey Port. Takes place in NJ. <a href="#">Press Release</a>	\$1.13 million
2009 ARRA	MA	Ports	Chelsea Collaborative	Repower 79 diesel transportation refrigeration units (TRU) with electric versions	\$1.56 million
2012	CT	Marine	Connecticut Maritime Foundation	Repower two Tier 1 marine engines in one vessel to Tier 3	\$800,000
2012	NJ	Rail	New York, Susquehanna & Western Railway	Repower 2 unregulated switcher locomotives with new engines meeting either a Tier 2 or a Tier 3 locomotive engine	\$1.47 million
2015	NJ	Ports, Short Haul	Port Authority of New York & New Jersey	Replace 26 drayage trucks	\$1 million

2015	MA	Ports	Massachusetts Port Authority	Repower five rubber tired gantry (RTG) cranes with Tier 4 gensets <a href="#">Press Release</a>	\$333,185
2014	MA	Marine	Conservation Law Foundation (CLF) Ventures, Inc.	Repower two Tier 1 marine propulsion engines with new Tier 3 engines; Replace two generator sets powered with Tier 0 engines with new Tier 3 generator sets <a href="#">Press Release</a>	\$300,000
2014	MA	Marine	Northeast States for Coordinated Air Use Management (NESCAUM)	Repower two unregulated fishing boats with new Tier 3 engines - <a href="#">Press Release</a>	\$195,000
2013	MA	Ports	Conservation Law Foundation (CLF) Ventures, Inc.	Repower two marine propulsion engines from Tier 0 to Tier 3. Replace two generator sets engines from Tier 0 to Tier 3	\$300,000
2013	MA	Ports	Northeast States for Coordinated Air Use Management (NESCAUM)	Repower nine lobster boats from Tier 0 to Tier 3	\$300,000
2009 ARRA	MA	Public Fleet	Massachusetts Department of Environmental Protection	Retrofit 132 state-owned vehicles with diesel multi-stage filters and DOCs	\$502,500
2008	MA	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
2008	MA	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
2008	MA	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
2011	MA, NH	Marine	Conservation Law Foundation Ventures	Repower fishing/excursion vessels	\$391,500
2011	ME	Marine	Maine Department of Environmental Protection	Replace four engines on two marine vessels	\$250,000
2009-2010	ME	Ports	Maine Department of Environmental Protection	Repower 17 non-regulated marine engines with Tier 2-certified marine engines	\$571,638
2009 ARRA	ME	Construction	Maine Department of Environmental Protection	Retrofit nine highway construction vehicles and repower/retrofit twelve nonroad pieces of construction equipment	\$746,715
2009 ARRA	ME	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
2009 ARRA	ME, NH, VT	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

2008	NH	School Bus, Construction, Utility	Manchester Transit Authority	Retrofit 72 city owned vehicles with DOCs; retrofit seven school buses with CCVs; install 10 s-bar heaters on school buses; supplement purchase of B20 biodiesel	\$229,703
2009 ARRA	NJ	Freight	Cascade Sierra Solutions	Retrofit 789 trailers with aerodynamic technology	\$1.4 million
2008	NJ	Trucks	New Jersey Motor Truck Association	Retrofit Delivery Trucks with a combination of APUs, bunk heaters, DOCs, and DPFs	\$503,285
2011	NJ, NY	Marine	New Jersey Clean Cities Coalition	Replace 21 engines on eight marine vessels to Tier 2 standards	\$896,838
2009 ARRA	NJ, NY	Ports	Port Authority of New York and New Jersey	Replace 636 drayage trucks	\$7 million
2008	NJ, NY	Ports	Port Authority of New York & New Jersey	Offer a low-cost financing purchase of retrofitted trucks or repowering of used trucks	\$750,000
2008	NJ, NY	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
2009 ARRA	NJ, NY, PR	Ports	Northeast States for Coordinated Air Use Management	Repower two ferries and three tugboats with Tier 2 engines	\$2.8 million
2011	NY	School Bus	National School Transportation Association	Replace three school buses; retrofit 155 school buses with diesel oxidation catalysts and/or idle reduction strategies	\$460,753
2011	NY	Rail	New York City Department of Small Business Services	Repower two short haul locomotives: one with Tier 3 gen-set technology and one with Tier 4 mother-slug configuration	\$2 million

2009-2010	NY	Ports	Nassau County Police Department	Repower ten main and five auxiliary engines with Tier 2-certified engines on five patrol boats	\$708,397
2009-2010	NY	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
2009-2010	NY	Ports	The Port Authority of NY & NJ	Replace 125 pre-2003 model year drayage trucks with 2007-certified trucks	\$1.58 million
2009 ARRA	NY	Construction	Columbia University	Retrofit 78 pieces of construction equipment with diesel particulate filters (DPFs)	\$2 million
2009 ARRA	NY	Freight	New York State Department of Transportation	Replace one switcher locomotive engine with three engines	\$1.05 million
2009 ARRA	NY	Ports	Port Authority of New York and New Jersey	Install shore power at the Brooklyn Cruise Terminal	\$2.86 million
2008	NY	Transit Bus	Capital District Transportation Authority	Retrofit 195 transit buses that operate in 4 counties with DPFs	\$125,000
2008	NY	School Bus	Board of Cooperative Educational Services	Replace two school buses with buses	\$130,690
2008	NY	Utility	Environmental Defense Fund	Replace 19 delivery vehicles with hybrid electric trucks	\$400,000
2008	NY	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
2008	NY	School Bus	Middle Country Central School District	Replace five 1996 diesel school buses with CNG school buses	\$359,305
2008	NY	School Bus	Scarsdale Union Free School District	Retrofit 69 school buses with combination of DOCs and CCVs	\$301,063
2011	PR	Delivery Truck, Long Haul Trucks	Polytechnic University of Puerto Rico	Retrofit 96 heavy duty trucks with diesel oxidation catalysts; replace ten heavy duty trucks with 2010 or newer models	\$886,095
2009-2010	PR	Ports	Autoridad de Transporte Maritimo	Repower two main and two auxiliary marine engines on two passenger ferries with Tier 2-certified engines <a href="#">Press Release</a>	\$517,220
2009 ARRA	RI	Public Fleet	City of Providence	Retrofit 40 Class 7 trucks and two dumpers/tenders with DPFs	\$565,100

**EXAMPLES OF FREIGHT PROJECTS (LONG- AND SHORT-HAUL) FUNDED VIA DERA  
“NATIONAL” COMPETITIONS**

Year	State	Fleet(s)	Recipient	Description	EPA Funding
2013	IL, MI, MN, OH, WI	Long Haul, Short Haul, Construction, School Bus	Leonardo Academy	Replace 24 trucks with new diesel trucks; replace 10 trucks with CNG trucks; retrofit or repower seven other engines	\$586,698
2013	CA	Long Haul, Short Haul, School Bus	South Coast Air Quality Management District	Replace one diesel school bus with an electric bus; repower two diesel school buses with battery electric drive trains; replace eight diesel school buses with CNG buses	\$391,613
2014	CA	Delivery Truck	San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD)	Replace 48 trucks with trucks powered by 2013 or newer model year engines <a href="#">Press Release</a>	\$677,214
2012	CA	Delivery Truck	South Coast Air Quality Management District	Replace 50 medium-duty delivery trucks with fully electric trucks	\$1.05 million
2012	TX	Delivery Truck; Ports and Airports; Utility Vehicle	Texas Capital Area Council of Governments	Replace medium-heavy duty trucks, utility trucks and airport ground support equipment	\$1.02 million
2015	VA	Long and Short Haul Trucks	James Madison University	Replace one diesel truck with CNG truck; Install electrified parking spaces (EPS) for 143 reefer trucks	\$829,954
2015	AL, GA, KY	Long Haul	Kentucky Clean Fuels Coalition	Replace 36 long haul trucks	\$499,171
2013	AL, KY, TN	Long Haul	East Tennessee Clean Fuels Coalition	Install 128 electrified parking spaces	\$462,494
2014	TX	Long Haul Trucks	North Central Texas Council of Governments	Install EPA-verified SmartWay® truck stop electrification at four truck terminals <a href="#">Press Release</a>	\$300,700
2012	CA	Long Haul Trucks	San Joaquin Valley Air Pollution Control District	Replace 29 refuse haulers	\$900,000
2012	IL, IN, MI	Long Haul Trucks, Marine, School Bus	American Lung Association	Retrofit 48 school buses with diesel particulate filters, retrofit seven locomotive engines with idle reduction devices, and repower one switcher locomotive	\$1.2 million
2013	WA	Long Haul, Short Haul	Puget Sound Clean Air Agency	Replace 10 diesel trucks with LNG trucks	\$200,000
2015	GA	Short Haul	Georgia Ports Authority	Replace 29 drayage trucks	\$990,000
2012	CA	Short Haul	Bay Area Air Quality Management District	Replace 22 heavy-duty drayage trucks	\$900,000
2015	MI	Short Haul Trucks	Southwest Detroit Environmental Vision	Replace 33 tractor trucks - <a href="#">Press Release</a>	\$1.03 million
2014	TX	Short Haul Trucks	Port of Houston	Replace 25 Class 8 drayage trucks with newer certified engines - <a href="#">Press Release</a>	\$868,942

2011	MA	Delivery Truck	Chelsea Collaborative Inc.	Replace 11 diesel transport refrigeration units with electric units; install truck stop electrification	\$280,000
2011	LA, MO, TX	Delivery Truck	Leonardo Academy Inc.	Replace class 8 long haul and local delivery trucks with trucks equipped with either hybrid-electric or selective catalytic reduction systems	\$971,090
2011	PR	Delivery Truck, Long Haul Trucks	Polytechnic University of Puerto Rico	Retrofit 96 heavy duty trucks with diesel oxidation catalysts; replace ten heavy duty trucks with 2010 or newer models	\$686,095
2009-2010	AZ	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
2009-2010	CA	Freight	CALSTART Inc.	Retrofit up to 537 tractor-trailers operating in New York and New Jersey with aerodynamic technologies. Takes place in NJ,NY.	\$500,576
2009-2010	CA	Freight	California Air Resources Board	Repower one switch yard locomotive; repower one switch locomotive with non-road engines/gen set	\$1 million
2009-2010	CA	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
2009-2010	CA	Freight	San Joaquin Valley Unified Air Pollution Control District	Replace 48 on road trucks	\$1.80 million
2009-2010	DC	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
2009-2010	IA	Freight	Regional Planning Commission for Jefferson, Orleans, Parishes	Repower one conventional diesel locomotive engine with multiple GENSET engines	\$1.05 million
2009-2010	MA	Freight	Massachusetts Bay Transportation Authority	Repower seven Locomotive Head End Power engines with new Tier 2-certified Head End Power engines <a href="#">Press Release</a>	\$700,000
2009-2010	MA	Freight	Northeast States for Coordinated Air Use Management	Retrofit 29 regional freight locomotives with Tier 3-certified auxiliary power units (APUs)s	\$850,000
2009-2010	MD	Freight	Maryland Transit Administration	Repower conventional switcher locomotive engine with Ultra-Clean Generator Set (GENSET) technology <a href="#">Press Release</a>	\$975,000
2009-2010	MO	Freight	Owner - Operator Independent Drivers Association	Install 300 auxiliary power units (APUs) on long-haul trucks <a href="#">Press Release</a>	\$1 million
2009-2010	MS	Freight	Mississippi State University	Retrofit two fleets with 100 battery operated air conditioners (BACs)s	\$1.1 million

2009-2010	MT	Freight	Missoula County	Retrofit 34 diesel locomotives with auxiliary power units (APUs)	\$1.13 million
2009-2010	TX	Freight	Houston Advanced Research Center	Install auxiliary power units (APUs) on long-haul diesel trucks <a href="#">Press Release</a>	\$496,000
2009-2010	TX	Freight	Cascade Sierra Solutions	Retrofits, vehicle replacements, idle reduction and aerodynamic technologies on school buses, and medium and heavy-duty trucks	\$1.15 million
2009-2010	TX	Freight	North Central Texas Council of Governments	Install Truck Stop Electrification (TSE) at various location in North Central Texas <a href="#">Press Release</a>	\$500,000
2009-2010	WA	Freight	Pacific Northwest Poll Prev Res Center	Install 2,058 dry van trailers with EPA SmartWay verified aerodynamic technologies	\$875,972
2009 ARRA	AI, GA, KY, FL, MS, NC, SC, TN	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
2009 ARRA	CA	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
2009 ARRA	CO	Freight	Colorado Department of Public Health and Environment	Retrofit 180 long haul trucks with auxiliary power units (APUs)	\$850,000
2009 ARRA	CO, MT, ND, SD, UT, WY	Freight	Cascade Sierra Solutions	Retrofit 51 trucks with diesel particulate filters (DPF) and 105 trucks with auxiliary power units (APUs)	\$850,000
2009 ARRA	CT	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
2009 ARRA	CT, MA, ME, NH, RI, VT	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
2009 ARRA	GA	Freight	Georgia Department of Natural Resources	Install a truck stop electrification (TSE) station with 85 spaces for long haul trucks	\$748,000
2009 ARRA	IN, MN, OH, WI	Freight	American Lung Association - Upper Midwest	Retrofit, repower and idle reduction for 502 vehicles	\$3.72 million
2009 ARRA	LA	Freight	Railroad Research Foundation	Repower four locomotives	\$2.93 million
2009 ARRA	ME	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

2009 ARRA	LA	Freight	Railroad Research Foundation	Repower four locomotives	\$2.93 million
2009 ARRA	ME	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
2009 ARRA	NE	Freight	University of Nebraska-Lincoln Nebraska Transportation Center (UNL/NTC)	Retrofit approximately 187 vehicles with EPA-verified idle reduction technologies	\$1 million
2009 ARRA	NJ	Freight	Cascade Sierra Solutions	Retrofit 789 trailers with aerodynamic technology	\$1.4 million
2009 ARRA	NY	Freight	New York State Department of Transportation	Replace one switcher locomotive engine with three engines	\$1.05 million
2009 ARRA	OR	Freight	Cascade Sierra Solutions - Trailer Aerodynamics Program	Retrofit 1,554 heavy-duty diesel-powered trailers with verified aerodynamic technologies	\$907,072
2009 ARRA	PA	Freight	Department of Environmental Protection	Repower locomotives with engine approaching Tier 3 (mother) and a four-axle platform with four traction motors without engine (slug)	\$1.5 million
2009 ARRA	TN	Freight	East TN Clean Fuel Coalition Crossville	Install 50 truck stop electrification (TSE) spaces in two locations	\$581,849
2009 ARRA	TN	Freight	Tennessee Department of Transportation	Install truck stop electrification area with 175 spaces	\$2 million
2009 ARRA	TX	Freight	City of Houston	Replace 72 long haul trucks with hybrids	\$2.37 million
2009 ARRA	TX	Freight	North Central Texas Council of Governments	Replace/repower 180 long haul trucks	\$2.19 million
2009 ARRA	TX	Freight	North Central Texas Council of Governments	Install low rolling resistance (LRR) tires, aerodynamics, and auxiliary power units (APUs) on 390 long haul trucks	\$1.55 million
2009 ARRA	WA	Freight	Puget Sound Clean Air Agency	Repower three locomotive switcher engines	\$2.53 million
2009 ARRA	WI	Freight	Wisconsin Department of Commerce	Retrofit approximately 444 vehicles with various idle reduction technologies	\$2.07 million
2009 ARRA	WI	Freight	Wisconsin Department of Natural Resources	Install an idle reduction system on 40 switcher locomotives (Wisconsin & Southern Railroad and Canadian Pacific Railroad)	\$571,107

See all at <https://www.epa.gov/cleandiesel/clean-diesel-national-grants>