



## SUMMARY — American Recovery and Reinvestment Act: Grants in the South Coast Air Basin

Under the American Recovery and Reinvestment Act of 2009 (ARRA), the U.S. EPA provided a total of \$26,570,319 to eight state and city government agencies to reduce diesel emissions in the Southern California Air Basin.

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### Total for all Grants:

**Grant funding:** \$26,570,319

**Engines/vehicles:** 656

**Counties affected:** Orange, Los Angeles, Riverside, and San Bernardino

**Air emission reductions (for entire grants):**

NOx = 465 tons/year

PM = 18 tons /year

### National Clean Diesel Funding Assistance Program:

**California Air Resources Board-** \$8,888,888 to repower eight switch yard locomotives operating in the Southern California Air Basin.

**Port of Long Beach-** \$4,008,250 for the replacement, engine repower, and/or engine retrofit of approximately 112 pieces of cargo handling equipment, including rubber-tired gantry cranes and two harbor crafts.

**Port of Los Angeles (City of Los Angeles Harbor Department)-** \$1,991,750 to replace, repower, and/or retrofit a total of approximately 27 pieces of port equipment, including harbor crafts, currently in operation at the Port.

**California Department of Transportation (CalTrans)-** \$951,431 to install diesel particulate filters on 46 Caltrans-owned construction equipment throughout the state, approximately 10 of which are located in the South Coast Air Basin.

### State Clean Diesel Program:

**California Air Resources Board-** \$1,730,000 to provide grants to school districts throughout California to retrofit approximately 43 school buses in the South Coast.

### Emerging Technologies Clean Diesel Program:

**South Coast Air Quality Management District-** \$2M to retrofit heavy-duty trucks powered by non-exhaust gas recirculation engines with Johnson Matthey's Selective Catalytic Reduction Technology (SCRT)

**South Coast Air Quality Management District-** \$2M to retrofit heavy-duty trucks powered by Exhaust Gas Recirculation (EGR) or non-EGR engines with Johnson Matthey's Selective Catalytic Reduction Technology (SCCRT).

### SmartWay Clean Diesel Finance Program:

**California Air Resources Board-** \$5M for small-business owners' off-road vehicles throughout California, including vehicles that will operate in the South Coast Air Basin.