



Los Angeles Clean Cities Coalition

City of Los Angeles Government Fleets



Making Air Quality Progress via Alternative Fuel Vehicles and Fuel Economy Programs

The City’s government fleet is a designated “Clean City Coalition” under the U.S. Department of Energy’s Clean Cities Program, a national program that promotes and supports the use of alternative fuels. Since establishing a “Clean Fuel Policy” in 2000, the City’s alternative fuel fleet has grown by 21 percent per year. The City’s active fleet now includes over 2,455 alternative fuel vehicles, with supporting alternative fueling stations and maintenance facilities. AFV use and fuel economy programs resulted in the conservation of over 10.6 million gallons of conventional fuel during the last reporting year. The City’s AFV fleet and other emission reduction programs eliminated 8 million pounds of air pollutants from vehicles for last fiscal year at an average cost of 30 cents per pound of pollutant reduced. City employees participating in fuel economy programs such as rideshare and subsidized transit, eliminated over 44 million vehicle miles this year by sharing rides, using public transit or riding or walking to work. Progress details follow below.

Air Quality Progress & Fuel Conservation

Alternative Fuel Vehicles

- The City controls a growing fleet of **2,455 alternative-fuel vehicles** that run on propane, electricity, liquefied natural gas, compressed natural gas, and hydrogen fuels. Dual fuel and gasoline/hybrid models are also counted as a part of the alternative fuel fleet. The City has the largest municipally-owned alternative fuel refuse collection fleet in the nation.
- The City owns or is a partner in 18 alternative fuel dispensing stations and over 175 electrical recharging stations, including 2 state-of-the-art fueling facilities for hydrogen vehicles.
- The City conserved **approximately 10.6 million gallons of gasoline** through alternative fuel use and fuel economy programs in 2006.



Cost-Effective Emission Reductions

- In 2006, the City reduced over **8 million pounds of air pollutant emissions** using State Motor Vehicle Fees distributed to the City via the South Coast Air Quality Management District (SCAQMD).
- This annual reduction was achieved at an average cost of **30 cents** per pound of air pollutant reduced.
- The City operates a state-of-the-art traffic flow and signal control system, known as the **ATSAC** system, resulting in a reduction in idling and more than **7 million pounds** of standard air pollutants and **1,682 million pounds** of carbon dioxide for 2005/2006. A total of **3227 City intersections** are under ATSAC control, with more planned.



Conservation of Vehicle Miles

- City departments participating in the Bicycle Patrol Program traveled approximately **2.5 million miles** per year, replacing vehicles that would have been idling during this period or traveling half as many of these miles.
- City employees participating in the City’s **Carpool and Vanpool Rideshare Program**, conserve over **20 million vehicle miles** per year. City employees receiving a subsidy for using public transit or bicycling or walking to work, conserve over **24 million vehicle miles** per year.



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