

City of Los Angeles Government Fleets
Los Angeles Clean Cities Coalition

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

The [Clean Cities 20th Anniversary event](#) was held in Washington D.C. on June 24, 2013. The U.S.DOE Clean Cities Program has designated nearly 100 volunteer coalitions in the United States. Success of the Clean Cities program is realized by its support of local actions to reduce petroleum use in transportation. The Los Angeles Clean Cities Coalition is one of these volunteer coalitions. Cumulatively, Clean Cities has saved more than 4.5 billion gallons of petroleum, thereby helping to advance the nation’s economic, environmental, and energy security. [Clean Cities Now](#) is the official biannual newsletter of Clean Cities.

The City’s government fleet and their project partners are designated as a “Clean Cities 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 an average of 19 percent per year. The City’s active fleet now includes over 4,853 alternative fuel vehicles, with supporting alternative fueling stations and maintenance facilities. The City’s AFV fleet and other emission reduction programs eliminated 8.7 million pounds of air pollutants from vehicles for last fiscal year at an average cost of 16 dollars per pound of pollutant reduced. City employees participating in trip reduction programs eliminated over 39 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 Milestones

Alternative Fuel Vehicles

- The City controls a growing fleet of **4,853 alternative-fuel vehicles** that run on propane, electricity, liquefied natural gas (LNG), and compressed natural gas fuels. Dual fuel (LNG/diesel) and hybrid (gasoline/electric) 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 with over 554 alternative fueled solid resource collection vehicles. The refuse collection fleet is 78% alternative fuel with a goal of 100% within the near future. 
- In 2011, the City opened what is reported to be the World’s largest and the City’s second such LNG/LCNG fueling facility. 
- The City has 124 CNG street sweepers. The street sweeper fleet is currently 77% alternative fuel and the City is targeting 100% by 2015.

Cost-Effective Emission Reductions

- In 2012, the City reduced over **8.7 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 **16 dollars** per pound of air pollutant reduced.
- The City operates a state-of-the-art traffic flow and signal control system, known as the **ATSAC** (automated traffic surveillance and control) system, resulting in a reduction in idling and millions of pounds of standard air pollutants each year. A total of **4,398 City intersections** along over 6,000 miles of centerline city streets are under ATSAC control. The system is now complete. Upgrades, refinements and adjustments will continue. 
- City established a “Clean Fuels Policy” in 2000.

Elimination of Vehicle Miles

- City employees participating in the City’s **Carpool and Vanpool Rideshare Program** eliminate almost **12 million vehicle miles** per year. City employees receiving a subsidy for using public transit or bicycling or walking to work eliminate over **10 million vehicle miles** per year.