City of Los Angeles Government Fleets

Los Angeles Clean Cities Coalition

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

The City's government fleet and their project partners are a 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 20 percent per year. The City's active fleet now includes over 4,424 alternative fuel vehicles, with supporting alternative fueling stations and maintenance facilities. The City's AFV fleet and other emission reduction programs eliminated 7.3 million pounds of air pollutants from vehicles for last fiscal year at an average cost of 23 cents per pound of pollutant reduced. City employees participating in trip reduction programs eliminated over 42 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 **4,424 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 473 alternative fueled solid resource collection vehicles.

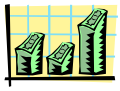
- In 2011, the City opened what is reported to be the World's largest and the City's second such LNG/LCNG fueling facility. The City owns or was partner in developing 19 alternative fuel dispensing locations.

- Based on fleet surveys, the US DOE estimates that the City has cumulatively displaced over 47.5 million gallons of gasoline from 2005 – 2009 by using alternative fuel vehicles.

Cost-Effective Emission Reductions

- In 2007, the City reduced over **7.3 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 **23 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** (automated traffic surveillance and control) system, resulting in a reduction in idling and millions of pounds of standard air pollutants each year. ATSAC reduced carbon dioxide emissions by **1,991 million pounds** in 20009-2010. A total of **3,890 City intersections** are under ATSAC control, with more planned.
- Since establishing a "Clean Fuels Policy" in 2000, the City has obtained more than **$27 million in grants** to help with the purchase of alternative fuel vehicles and infrastructure development.



Elimination of Vehicle Miles

- **Bicycle Patrol Program** participants from 9 City Departments travel on average of almost 1.9 million miles per year. During an average year more than **3.7 million vehicle miles** are eliminated because two bikes replace one City patrol car. Total vehicle idle hours reduced average almost 116,000 hours per year.

- City employees participating in the City's **Carpool and Vanpool Rideshare Program** eliminate almost **18 million vehicle miles** per year. City employees receiving a subsidy for using public transit or bicycling or walking to work eliminate over **24 million vehicle miles** per year.

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