



Alternative Fuel
Information Series

Clean Cities Award Winning Coalition

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U.S. DEPARTMENT of ENERGY
OFFICE of ENERGY EFFICIENCY and RENEWABLE ENERGY

Clean Cities Los Angeles

Charging into the Future

The second largest city in the United States, Los Angeles has more than 9 million motor vehicles on the road, accounting for up to 60% of the region's air pollution. And the city's growing population of 3.6 million residents, coupled with the area's mountainous landscape and mild climate, challenge the city's ability to achieve clean air.

To mitigate these problems, Los Angeles has become a pioneer in implementing innovative pollution reduction strategies. An integral part of the city's overall plans to improve air quality is using alternative fuels and alternative fuel vehicles (AFVs).

Beginning in the early 1980s, the city of Los Angeles began touting the benefits of methanol sedans and trucks. Today, the city has incorporated more than 475 compressed natural gas (CNG), liquefied natural gas (LNG), and electric vehicles (EVs) into its fleets. Los Angeles has also become one of the most active and successful members in the U.S. Department of Energy's (DOE's) Clean Cities Program.

Making an Impact

Recently, Los Angeles launched Quick Charge L.A., a comprehensive EV infrastructure program. A partnership among 29 public and private organizations, Quick Charge L.A. established nearly 200 EV charging stations at work sites, event centers, rail stations, hospitals, public garages, shopping districts, entertainment venues, universities, and office buildings throughout the city. Quick Charge L.A. also supports EV procurement, mechanic training, emergency response training, permit streamlining, and public outreach and education.

In recognition of the program's accomplishments, Clean Cities Los Angeles received the South Coast Air Quality Management District's (SCAQMD) Clean Air Award for

Model Community Achievements and the prestigious California Governor's Award for Environmental and Economic Leadership. Quick Charge L.A. stakeholders are also the recipients of DOE's 1999 Clean Cities **Gold Star Award** for AFV refueling sites.

"Quick Charge L.A. is a showcase project for the Clean Cities Los Angeles Program," said LeiLani Johnson, Clean Cities Coordinator. "It reflects the power and effectiveness of public/private partnerships in addressing infrastructure for cleaner advanced technologies."

Funding Clean Cities Initiatives

Clean Cities Los Angeles is leading the way in securing grants for alternative fuel and AFV projects. In 1998, the city received more than \$2,597,300 in funds from the Mobile Air Source Air Pollution Reduction Review Committee (MSRC) and SCAQMD. In fact, Quick Charge L.A. was made possible in part by an \$811,000 grant. Other Clean Cities projects MSRC and SCAQMD funded include:



Photo courtesy of Peter Garra

EV charging station at Los Angeles International Airport

- \$770,000 to offset costs of purchasing 27 LNG shuttle buses for Los Angeles International Airport
- \$250,000 to purchase propane transit buses for the Department of Transportation's DASH (Downtown Area Short Hop) routes
- \$233,000 in incentives for 41 NGVs and 22 EVs
- \$408,000 in local government matching grants for AFV purchases, alternative refueling infrastructure, and public outreach.

Planning for the Future

Clean Cities Los Angeles is charging into the future. The coalition plans to involve more private and public organizations in developing the EV infrastructure by installing additional EV charging sites throughout the city. In order to procure and deploy new AFVs, Los Angeles will continue to seek funding for alternative fuel and AFV programs and projects.

About Clean Cities...

The Clean Cities Program is a voluntary, locally based government and industry partnership. The program, now in its sixth year, seeks to expand the use of alternatives to gasoline and diesel fuel in order to reduce dependence on imported oil, lessen air pollution, and increase public awareness about the benefits of using alternative fuels over gasoline and diesel. At least 70 coalitions and some 3,500 stakeholders have joined to support the Clean Cities Program.

Now in their third year, the Clean Cities Coalition Awards recognize outstanding achievements in building coalitions, promoting and increasing alternative fuel vehicle use, developing AFV infrastructure, and supporting alternative fuel and AFV legislation.

For more information, you can

- contact the Clean Cities Coordinator listed below
- call the Clean Cities Hotline at 1-800-CCITIES
- visit the Clean Cities Web site at <http://www.cities.doe.gov>
or
- e-mail the Clean Cities Hotline at ccities@nrel.gov.

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