



Alternative Fuel
Information Series

Clean Cities Award Winning Coalition

May 2000

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

Dallas-Fort Worth Clean Cities

Designated a Clean City in 1995, Dallas-Fort Worth (DFW) now includes 140 coalition members and interested parties who operate more than 5,800 alternative fuel vehicles (AFVs). DFW Clean Cities is administered by the North Central Texas Council of Governments (NCTCOG), the metropolitan planning organization for the region, which represents hundreds of municipal and local government agencies.

Air Quality Constraints

Dallas-Fort Worth is classified as a serious non-attainment area for ozone; therefore, the Texas Clean Fleet Program, a state version of the federal Clean Fuel Fleet Program, is in effect. Private and local government fleets must begin using vehicles that meet the Low Emission Vehicle standard. Texas is developing a state implementation plan that will outline how the region will attain federal air quality standards and give credit to 3,000 dedicated AFVs.

Local Funding History

Congestion Mitigation and Air Quality (CMAQ) Improvement Program funds have been committed to the AFV program in the DFW area. Between 1994 and 1998, \$4 million in CMAQ funds were used to cover some of the incremental costs of light-duty AFVs for public fleets, resulting in the purchase or conversion of 2,200 light-duty vehicles. The Dallas area Rapid Transit and the Fort Worth Transportation Authority also received financial assistance to build a fleet of 300 alternative fuel buses in the area. In 1999-2000, CMAQ funds will be used to buy down the cost of 700 more vehicles. To date, \$45 million have been allocated to the DFW AFV program from CMAQ funds.

Electric Vehicle-Ready Community

In 1998, DFW was designated the 11th electric vehicle (EV)-Ready Market Launch Community for EVs in the United

States. The NCTCOG, Electric Vehicle Association of the Americas, Central and South West Corporation, and TXU lead the effort to bring EVs to North Texas. In March 1999, the North Texas EV-Ready Market Launch Workshop brought together 125 community leaders and national experts to introduce EVs to policy leaders and the public. The workshop explored issues, such as safety, training, infrastructure, and incentives, which will permit EVs to be successfully deployed. A dozen full-size electric pickups now operate in the DFW area. American Airlines also uses 200 pieces of electric ground support equipment at the Dallas-Fort Worth International Airport.

DFW Clean Airport Program

The DFW International Airport recognizes the benefits of using alternative fuels and is conducting an implementation study to identify opportunities for AFV use. In addition to incorporating several hundred AFVs into its own fleet, the airport will encourage taxis and shuttles to adopt AFV technology. The study also evaluates the effectiveness of incentives, such as reduced parking and access fees and giving AFV taxis loading priority.



Photo courtesy of Nan Miller, NCTCOG

American Airlines Electric Baggage Tug

Rebate Program

In March 1999, the U.S. Department of Energy issued a solicitation for grant funds to encourage the purchase of AFVs in designated Clean Cities. The proposal submitted by NCTCOG and DFW Clean Cities was the only one selected in Texas and resulted in a \$25,000 award. TXU received \$15,000 for 1 electric pickup and 13 bi-fuel (compressed natural gas and gasoline) pickups. Alcon Laboratories (which makes eye care products) received \$10,000 for purchasing 5 dedicated compressed natural gas vans. Limited financial assistance is currently available for privately owned fleets and vehicles, so the rebate funds will be disbursed to the private sector. DFW Clean Cities hopes to provide more rebates and to continue to search for more incentives for private sector fleets.

Planning for the Future

During 2001, fleet managers in the DFW area will be able to test a variety of AFVs under their agencies' normal workload and driving conditions. An AFV loaner program will be established to give prospective purchasers the opportunity to try the new vehicles.

In addition, the Transportation Equity Act for the 21st Century allows public/private partnerships to receive CMAQ funds. Through a partnership between TXU, Coca-Cola, and NCTCOG, heavy-duty delivery trucks will be converted to operate on compressed natural gas to demonstrate new technology.

About Clean Cities...

The Clean Cities Program is a voluntary, locally based government and industry partnership. The program, now in its seventh 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. Almost 80 coalitions and some 3,800 stakeholders have joined to support the Clean Cities Program.

Now in their fourth 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.ccities.doe.gov>
or
- e-mail the Clean Cities Hotline at ccities@nrel.gov

Dallas/Fort Worth Clean Cities Coordinator:

Nan Miller
817-695-9240
e-mail: nmiller@nctcog.dst.tx.us
http://www.nctcog.dst.tx.us/trans/clean_cities/



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