

DFW CLEAN CITIES SUCCESS STORY

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Recovery Act Spotlight



Denton Looking To Make Large Impact With Their New Renewable Fuel Station

[The City of Denton](#) is doing their part to reduce our countries dependence on foreign oil and improve air quality. With grants through the American Recovery and Reinvestment Act (ARRA) provided by the North Central Texas Council of Governments (NCTCOG), Denton was able to partially fund a new renewable fuel station. Located at 1251 South Mayhill Rd., this station will provide E-85 Ethanol, B-20 Biodiesel, gasoline, and diesel fuels. Denton will be using this facility primarily for all of their diesel and ethanol fleets. Off-road equipment with diesel engines can also be filled at this station. Denton currently operates 37 alternatively-fueled vehicles and 18 hybrid vehicles.



Given that most counties in the DFW region are under nonattainment status for ozone, including Denton, the City of Denton is hoping to inspire cities without an alternative fuel plan, to pursue one. Multiple positive impacts are expected in the Denton area. Since ethanol and biofuel are clean burning fuels, maintenance costs for the cities fleet will decrease. This will impact the budget as funds become increasingly difficult to manage. Air quality will also improve as Denton expands on its alternative fuel efforts. Ethanol and biodiesel are typically around the same cost if not cheaper than gasoline but more importantly, come from the United States. Denton and other cities looking to implement such a program can feel confident they are having a direct impact on our nations economy as well as our regions air quality.



In the coming years, Denton is looking to increase all aspects of alternative fuel. In the works for Denton is a state of the art propane autogas refueling station, compressed natural gas (CNG) vehicles and infrastructure, and electric charging stations.



Denton is also pursuing innovation by operating hybrid electric medium-duty and heavy-duty trucks utilizing electricity to power on-board equipment and lifts. Since the trucks can function without the engine running, idling is reduced by 80 percent. This model 335 Peterbilt, shown above, can run for 28 minutes on a charge time of a little over 4 minutes.

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HELPFUL LINKS

[DFW Clean Cities](#)

[Transportation & Air Quality Funding Resources](#)

[NCTCOG-American Recovery and Reinvestment Act of 2009](#)

[U.S. Department of Energy-Clean Cities](#)

[Alternative Fuels & Advanced Data Center](#)

[Federal & State Incentives & Laws](#)

[U.S. Department of Energy](#)

STAFF

Pamela Burns
Co-Coordinator
pburns@nctcog.org

Mindy Mize
Co-Coordinator
mmize@nctcog.org

Kenny Bergstrom
Clean Cities Staff
kbergstrom@nctcog.org

Kimberlin To
Clean Cities Intern
kto@nctcog.org

