

Frequently Asked Questions

What are Flexible Fuel Vehicles?

Vehicles designed to operate on E85 are called flexible fuel vehicles (FFVs) and can function on either conventional gasoline, E85, or a combination of gasoline and E85 within the same tank. The FFV's on-board sensors monitor the fuel mixture, and an on-board computer makes the proper adjustments to optimize vehicle performance.

What is E85?

E85 is a motor fuel made of 85% ethanol and 15% petroleum gasoline. E85 is approved under the state fuel contract, so you can fill-up a state FFV with E85 at participating Fuelman stations.

Why Use E85?

Ethanol is a clean, renewable fuel predominantly made from corn, but new technology will soon allow ethanol production from cellulose plant materials (switchgrass, river cane), wood fiber and even municipal garbage. Ethanol produced from crops grown in the U.S. helps rural communities and farm economies while lessening America's dependence on foreign sources of energy. Studies show that vehicle emissions from FFVs running on E85 are lower as compared to petroleum gasoline.

Did You Know...

That in 1908, Henry Ford designed his first Model T to run on ethanol. He called it the fuel of the future.

That ethanol is a high-octane, high performance fuel, and the professional IndyCar Series race cars will start using 100% ethanol in 2007.

One bushel of corn (56 pounds) can provide close to 3 gallons of ethanol.

For more information visit:

Governor's Interagency Alternative Fuels Working Group at www.tdec.net/altfuels

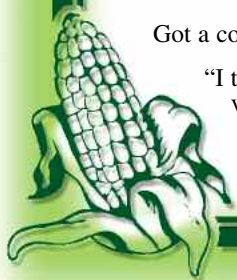
American Coalition on Ethanol at www.ethanol.org

National Ethanol Vehicle Coalition at www.e85fuel.com

Got a comment or tell us your story at alt.fuels@state.tn.us

"I think biofuels are good for the farm economy, but it is also very good for the conservation of fuels, national security and everything else. As far as I'm concerned, it is a win-win."

- Gov. Phil Bredesen in the Columbia Daily Herald, February 2006



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for State Employees in Tennessee

Ever wish there was an alternative to gasoline? There is. It's called E85. E85 is a clean, practical alternative fuel made from the ultimate renewable resource—American corn and plant crops.

A fuel blend made of 85% ethanol and only 15% petroleum gasoline, E85 is a high-octane fuel that will power flexible fuel vehicles (FFVs) already on the road and currently coming off the assembly lines. There are more than 60,000 FFVs in Tennessee, including more than 1,500 in the state fleet.

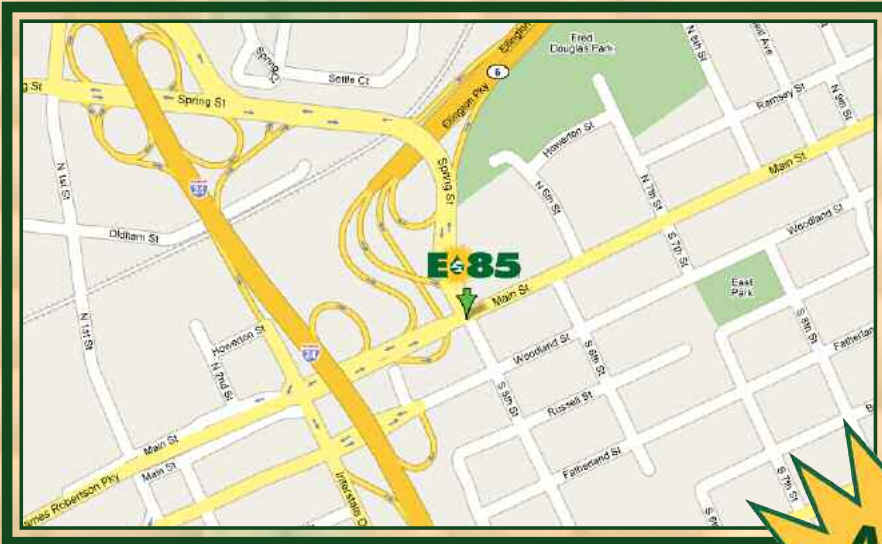
By using E85 in flexible fuel vehicles, you can do your part to help reduce the nation's growing need for oil imports. Additionally, our use of E85 will help raise overall demand stimulate market forces that increase consumer availability for this smart, clean-burning fuel choice. Think about it – ethanol can be produced in America from domestic crops and feedstocks. This helps our farmers and our local economy, strengthens energy security, and helps reduce air pollution from vehicles.

The state is working with a variety of public and private partners to expand the number of retail E85 pumps in Tennessee, and we will keep you updated as additional E85 sites become available.

Make the smart choice, and use E85! Your efforts CAN make a difference!



E85 Fuelman Stations in Tennessee



**Additional
E85
Stations
Coming
Soon!**

Citgo Station
500 Main Street
(corner of Main and Spring Streets)
Nashville, TN

Shell Station
2740 Wilma Rudolph Blvd.
(corner of Needmore and Wilma Rudolph)
Clarksville, TN

