

TENNESSEE

Clean Fuels Advisor



Biannual publication from the partnership between the Clean Cities coalitions in Tennessee and the state of Tennessee.

Bringing alternative fuels, higher fuel economy vehicles and advanced transportation technologies to the forefront in Tennessee.

Propane: Catching on in Tennessee

While propane has been used as an alternative fuel for over 20 years, many people are still learning about its benefits. Propane, a nontoxic by-product of natural gas processing and oil refining, can be used as a fuel in both light and heavy-duty vehicles and off-road machinery. Propane costs less and that is a significant attraction for many fleets. Because of its versatility and low price, it is the third most commonly used fuel in the U.S. There are many political and economical benefits because propane is 85 percent domestically produced. Other benefits of propane include 20 percent less greenhouse gas emissions and reduction of hydrocarbon emissions by 70 percent, when compared to gasoline.



Two fleets in northeast Tennessee are working on using propane in their vehicles. Due to ETCleanFuels winning a state grant, two tugs and one belt loader were converted to run on propane at the Tri-Cities Regional Airport in early 2010, and later this year Kingsport is converting three police cruisers. Additionally, through the grant, the city is receiving funds to offset its capital costs with the purchase and installation of an above ground tank and dispensing pump. This will allow them

to begin using propane in even more vehicles including lawn mowers.

Although the average cost of converting a light-duty vehicle from gasoline to propane is \$4,000-\$6,000, according to the Department of Energy (DOE) the payback period is very reasonable for fleets that are high-mileage and heavy fuel consuming vehicles. The city recently received an additional grant through DOE to fund two vehicle conversions.

Also there are several projects focusing on converting off-road vehicles, such as lawn mowers, to propane. Clean Cities of Middle Tennessee partnered with Jim Coker of Heritage Propane/Metro Lawn this past April to educate 45 people about the advantages of using propane, and

ETCleanFuels held a similar event in Blount County in June (a Cub Cadet is pictured). Attendees were able to test drive various mowers and speak with dealers and manufacturers. ETCleanFuels is currently working on holding more propane events in other counties. For more information on switching your fleet to propane, contact Emily DeVillers at 865-974-9665.

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Twenty-Three Hybrids on the Market Today

Hybrid electric vehicles were once a rare novelty, and only a couple of car manufacturers produced them. However, as technology has improved and people have become more conscientious of the environment, several car manufacturers are now offering vehicles as hybrids.

Hybrids combine an internal combustion engine with an electric motor that captures energy lost through braking. They use regular gasoline and do not need to be plugged in for charging. Instead of using only gas to power the engine the battery assists the primary engine during acceleration. (on some vehicles, the battery provides all the power at low speeds). Thus, by using battery power, it reduces fuel consumption and produces fewer tailpipe emissions.

Hybrids are not only better for the environment, but they can also save its owner money. Owners stand to benefit from their capital investment as gas prices rise, which is what the U.S. Energy Information Administration predicts in the coming years.

The chart below lists a sampling of hybrid vehicles available today. Manufacturers are offering more vehicles as hybrids, and over 30 new hybrids are scheduled for release in the next three years. For the most up to date information regarding hybrids, nonhybrids, and to compare their fuel economy, visit

www.fueleconomy.gov

Make	Model	MSRP*	City MPG	Highway MPG	Annual Fuel Cost**
Honda	Insight	\$19,800	40	43	\$1,046
Toyota	Prius	\$22,800	51	48	\$858
Honda	Civic Hybrid	\$23,800	40	45	\$1,021
	Civic EX	\$20,255	25	36	\$1,479
Ford	Fusion Hybrid	\$27,950	41	36	\$1,100
	Fusion SEL	\$24,655	22	31	\$1,716
Ford	Escape FWD Hybrid	\$29,860	34	31	\$1,341
	Escape FWD XLS	\$24,045	21	28	\$1,865
Chevrolet	Tahoe 2WD Hybrid	\$50,720	21	22	\$1,863
	Tahoe 2WD LT	\$42,130	15	21	\$2,408

*MSRP excluding tax, license, registration, destination charge. Dealer prices may vary.

**Annual fuel cost based on 45% highway, 55% city driving, 15,000 annual miles and a fuel price of \$2.86/gal.

This newsletter was made possible by the Tennessee Department of Environment & Conservation and Innovation Drive. THANK YOU!



INNOVATION DRIVE
Driving Technology to Market





Left: Biodiesel community swap center. Right: Specialized collection containers.

More Sustainable Biodiesel

Throughout Tennessee, cities are starting programs to improve their fleets' sustainability. Even smaller communities are joining in and finding innovative ways to go green. The City of East Ridge is no exception and has recently started a grease-recycling program for small-scale biodiesel production.

The local community of 19,000 is involved with the program. Swap centers are provided for residents to drop off their used oil in 64 oz. specialized containers and to pick up new ones to refill at no cost. Local restaurants, schools, and hospitals are also providing oil to be picked up by the city. The recycled oil is then used to produce biodiesel, and the byproducts are sold or given away to make other goods.

Through this program, the community of East Ridge is gaining both environmental and economic benefits. Some of these benefits include an estimated cost savings of \$7,000 per year based on an expected annual production of 6,000 gallons. Other benefits are

decreased wastewater operation costs because there will be less improperly discarded oil and a reduction of 15 percent in CO2 emissions.

One of the unique aspects of this project is that production occurs in a mobile system. This makes it easy to showcase the system and to use it as a learning tool for communities and schools both near and far.

Other communities are creating similar small-scale biodiesel production programs. For example, Crossville has recently bought a biodiesel production system and is starting by using the biodiesel to fuel their diesel lawn mowers, and out last Clean Fuels Advisor discussed the city of Clarksville's new system.

By starting these programs, these cities are leading Tennessee towards more sustainable practices that are beneficial to all Americans by reducing foreign oil dependence and improving air quality.

Tennessee Gets Solar-assisted Charging Stations

This fall Nissan releases the LEAF—a full-speed all-electric vehicle—in five states, including Tennessee.

In conjunction with the LEAF's debut, ECOTality is preparing the infrastructure for electric vehicles, using strategically placed charging stations. Tennessee is seeking to eliminate all well-to-wheel emissions for some of the EVs by finding alternative ways to generate the electricity for them.

To fully achieve zero emissions from electric vehicles, TVA is working with the Electric Power Research Institute (EPRI), Oak Ridge National Laboratory (ORNL), and local power distributors to install 125 solar-assisted electric vehicle charging stations in Knoxville,

Nashville, and Chattanooga. The solar-assisted charging stations will provide a greener-charging option since

they harness energy from the sun and produce zero emissions. The first prototypes will be built at EPRI and ORNL. After researching the prototypes and working with city officials and local utilities, the remaining solar-assisted stations will be deployed to sites in the three cities. Station sites will likely be located in high-traffic areas

such as downtown or near university campuses. For more information, visit the EV Project website at www.TheEVProject.com.



Proposed solar-assisted charging stations



Doc Ricketts with his E100 1973 Corvette. See it up close at the Knoxville Odyssey (see pg. 6)!

Q&A with “Doc” Ricketts

Dr. Cliff Ricketts is a Professor of Agricultural Education at Middle Tennessee State University. Since 1978, “Doc” Ricketts has been involved with alternative fuels research and is one of the leading innovators in the region for alternative fuels and advanced vehicles. He has testified before Congress as an expert witness about alternative fuels and held the Land Speed Record for a hydrogen vehicle at the Bonneville Salt Flats for 15 years.

Question: How did you become interested in alternative fuel vehicles (AFVs)?

Answer: In 1978, OPEC was shutting down the world's oil supply, and fuel prices tripled. I believed that the average American farmer would be unable to afford fuel to power his equipment and harvest crops. Thus, I wanted to find a fuel for farmers to use if oil was unavailable. That got me started in making ethanol from corn.

Question: How many AFVs have you built?

Answer: 8-10; We've built vehicles powered by ethanol made from corn, biodiesel made from soybean oil, methane made from cow manure, and hydrogen made from water. We also have an all-electric vehicle, a natural gas vehicle, and several hybrid, multi-fuel vehicles that can be plugged-in and use solar energy.

Question: Why are alternative fuels important?

Answer: There are three main reasons: 1. World Peace - the majority of wars in the Middle East started directly or indirectly due to oil. 2. U.S. Economy - a large proportion of our country's money goes to foreign countries that may even hate us. With alternative fuels, we can put that money into our own economy. 3. Environment - most alternative fuels produce less pollution than their petroleum-based counterparts.

For more pictures (including Doc Ricketts' other vehicles), visit the ETCleanFuels Flickr page at: www.flickr.com/ETCleanFuels/sets



Middle Tennessee - Atha Comiskey

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Clean Cities of Middle Tennessee Update

The first half of 2010 has been great at Clean Cities of Middle Tennessee, and we've got many exciting updates for you. First, our new website is up and running at www.TennesseeCleanFuels.com, and we'd love to hear what you think.

More biofuels stations are now available as Pilot and Edward's Oil announced the opening of their new biofuels pumps. Pilot Travel Center #409 opened new E85 and B20 pumps in Dickson off I-40, and Edward's Oil installed a new E85 pump at the Shell Quick Mart in Tullahoma.

I've also been busy reaching out to several Tennessee groups and recently spoke at the 2010 Utility Fleet Maintenance Association Spring Meeting in Memphis. I not only introduced the group to Clean Cities but also explained how several alternative fuels are available for fleets.

To further increase Tennessee clean air projects, we've been working on Supplemental Environmental Projects (SEPs). Most federal actions against businesses' or individuals' failure to comply with environmental laws are resolved through settlement agreements. As part of a settlement, an alleged violator may voluntarily agree to undertake an

environmentally beneficial project related to the violation in exchange for mitigation of the penalty to be paid. An SEP furthers EPA's goal of protecting and enhancing the public health and environment.

After meeting with the Tennessee Department of Environment & Conservation, several Nashville environmental attorneys, and the Clarksville-

Montgomery County School System (CMCSS), we are now ready to implement our first SEP (one a fine is levied). CMCSS has committed to installing anti-idling equipment on 50 buses in their 300 school bus fleet. This equipment will be used to heat the engine blocks, as well as the cab of the buses, without having to



Comiskey fills up with biodiesel in Dickson, TN.

start the engines. This will reduce fuel costs, tailpipe emissions, engine wear, and petroleum dependence, while increasing engine performance.

We will continue to collaborate with TDOT, TMA, Clean Air Partnership, and the Nashville Area Metropolitan Planning Organization to begin implementing additional projects that will assist Middle Tennessee with their clean air efforts through anti-idling programs, increasing alternative fuels use, alternative fuel vehicle purchases, and education programs.



TTU President Bob Bell driving a Global Electric Motorcars (GEM) eS.

Green Innovation at Tennessee Tech

Several businesses, governments, and schools have recently started sustainability initiatives to become more environmentally friendly, but Tennessee Tech University (TTU) has been saving and conserving for many years before 'green' became the buzz.

Larry Wheaton, TTU's facilities engineer and chairman of the Sustainable Campus Fee Committee explains, "When our students voted to have a sustainability fee, we prioritized projects that would be beneficial to the students, the campus, and the environment." Since then, TTU has implemented several environmental programs, including the use of more alternative fuels. All departments, from facilities to athletics to student life, are on-board with finding ways to save energy.

TTU has already purchased six neighborhood electric vehicles (NEVs) and is looking to purchase two more. To charge the NEVs, TTU has installed a

14kW solar panel system to offset the energy needed for battery charging and is waiting for approval from TVA to be allowed to connect to the power grid.

TTU's students also started a bike sharing program where discarded bikes are repaired and located throughout campus for students to use for free! To further reduce the number of vehicles on campus, TTU is considering testing ZipCar's car sharing program on campus as a rental alternative for students.

Even in mowing the lawn, TTU searched for ways to be green and now uses a biodiesel lawn mower. They are also hoping to add three propane-powered mowers to their fleet for even cleaner emissions.

Wheaton is happy with the steps that the University has taken to save energy and said, "The completed projects have been well accepted and demonstrate our dedication to sustainability."

Did You Know?

- The first air quality law was passed in 1955 (the Air Pollution Control Act).
- In 2009, the U.S. was the top global producer of natural gas.
- The growth of ethanol production worldwide has led to a 1 million barrel per day decrease in global world oil demand.
- Pure biodiesel is 10 times less toxic than ordinary table salt.



Flex Fuel U.S. - EPA Certifies Conversion Kit

Several conversion kits have been created for users to convert their gasoline-powered vehicles into flex fuel vehicles (FFVs) that are capable of running E85. Previously, these conversion kits would void the vehicle's factory warranty, and none were EPA approved. In 2008, Flex Fuel U.S. was the first company to offer a conversion kit that was certified by the EPA. Their conversion was certified for specific 2006 model year Chrysler and Dodge vehicles. Since then, Flex Fuel U.S. has received a patent on their Flex Box Smart Kit and has received EPA certification for conversions for even more vehicles. Current vehicles that are in the process of certification include the Ford Mustang, Ford Fusion, and Dodge Challenger.

The Flex Fuel U.S. system allows vehicles to use any combination of ethanol and gasoline up to E85. There are no adjustments necessary because the conversion kit contains a microprocessor that automatically calculates the necessary supplementary fuel injection

based on the engine's emissions to ensure optimal performance. Due to a simple installation, nothing is removed or replaced on the vehicle.

Flex Fuel U.S. has EPA-certified conversions for taxis, limousine services, police cars, trucks, and touring vehicles. Recently, Flex Fuel U.S. finished converting 25 vehicles in the City of Chicago's fleet. In Tennessee, they gave a presentation in Jackson about a free pilot program where Flex Fuel U.S. would install two to five systems for a fleet operator to monitor over three months. The program would allow the fleet manager to observe and analyze their vehicles on this system. It also allows for the installation of systems on vehicles that have not yet been certified but are in the process of certification.

For more information about Flex Fuel U.S. and their Flex Box Smart Kit or pilot program, contact your local clean cities coordinator or visit their website.



For more info visit www.FlexFuelUS.com

Natural Gas & Propane Vehicles Gain Popularity

In 1994, about 55,000 vehicles in the United States ran on compressed natural gas (CNG), and at least 231,000 ran on Liquefied Petroleum Gas (LPG), or propane. Throughout the years, these numbers have continued to increase. However, if someone wanted a vehicle that would run on CNG or LPG, he or she would have to go through a lengthy conversion process. While these conversions take time and money, they result in fuel cost savings of up to 50 percent, lower maintenance, and fewer emissions.

New federal energy and environmental legislation is also affecting the fuel and vehicle choices of U.S. fleet operators and is encouraging automakers to produce as many alternative-fuel models as possible. For example, General Motors recently announced that they will start manufacturing Chevrolet Express and GMC Savana cargo vans with CNG and LPG capability as early as fall 2010. These original equipment manufacturer (OEM) vans will have specially designed engines for the gaseous fuels and will come direct to the customer with fully integrated and warranted fuel systems in place.

While many automakers are now manufacturing alternative fuel vehicles, conversions may also be easier due to recent changes in legislation. For instance, the EPA is proposing to amend the current regulations for aftermarket fuel conversions, which

have not been updated since 1994. These new regulations would apply to manufacturers of CNG and LPG vehicles and companies that do conversions. The proposed revisions would streamline the compliance process while maintaining environmentally protective controls. This will establish a clearer and cheaper pathway for conversions and will not void manufacturers warranties. The increasing popularity of CNG and LPG vehicles has also led to the manufacturing and conversion of large fleet vehicles for schools, and many school districts are choosing to either purchase or convert buses.

An early innovator in conversion was Portland Public Schools, which started converting its bus fleet to propane in 1983. Since that time, its propane bus fleet has continued to grow. At present, the school district has a total of 325 buses, all of which operate on propane. Other schools are also taking advantage of buying manufactured CNG and LPG compatible buses from major companies such as Blue Bird and Thomas Built.

As legislators and manufacturers continue to realize the importance of CNG and LPG as transportation fuels, it will become easier for the conversion or purchase of OEM vehicles for fleets. Also with increased popularity, these vehicles will become more common and more cost effective for personal use.



Chevrolet Express and GMC Savana cargo vans with CNG and LPG capability



See Thomas Built CNG and LPG school buses on the left. For a listing of all the heavy-duty engines and light-duty vehicles that can be converted to CNG, visit www.bit.ly/ngvehicles.



Public CNG Stations Coming to East Tennessee

Although Tennessee currently has no public compressed natural gas (CNG) fueling stations, there may be one in your community soon! ETCleanFuels partner PBG Energy, Inc. is currently under contract with several natural gas utility distributors in East Tennessee to develop public CNG refueling. PBG's ultimate goal is to develop public refueling infrastructure for natural gas vehicles throughout Tennessee. These public fueling stations will allow customers an easier transition to operating vehicles on domestically produced natural gas.

As people are discovering, natural gas is currently available as a lower-cost option for communities in Tennessee. Using nationwide numbers, the April 2010 Clean Cities Alternative Fuels Price Report detailed CNG averaging just under \$1 less than gasoline.



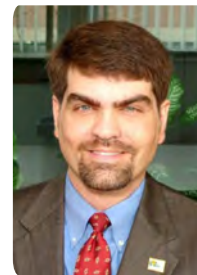
PBG Energy, Inc.

As gasoline prices rise, consumers who use natural gas will realize greater cost savings. The combined cost savings, availability, and reduction in greenhouse gases and local pollutants make natural gas a viable solution. ETCleanFuels and PBG Energy want to partner with communities to assist them.

"It is a very exciting time for our company providing a green solution which supports American jobs and reduces our dependence on foreign oil," said Robert Patterson, president of PBG Energy. "Expect to see announcements for the opening of the first public CNG stations in East Tennessee soon."

For more information on PBG Energy and natural gas as a transportation fuel, or available vehicles and vehicle conversions, contact them at 865-258-9969 or visit www.pbgenergyinc.com.

East Tennessee - Jonathan Overly



The "O-Zone"

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Update on the Tennessee Biofuels Initiative

Genera Energy LLC and the University of Tennessee continue their focused efforts on developing integrated biomass supply chain solutions and strategic partnerships to support the bioenergy industry in Tennessee. In January 2010, Genera, UT, the State of Tennessee, and Dupont Danisco Cellulosic Ethanol celebrated the grand opening of the demonstration scale biorefinery in Vonore. The state-of-the-art biorefinery is currently producing cellulosic ethanol! This facility is unlike any other in the world and will provide valuable data toward the commercialization of cellulosic ethanol in the state and nation.

Switchgrass establishment is also going quite well. In spring 2010, Genera and UT established nearly 3,000 new acres of material, bringing the total switchgrass acreage in production to nearly 6,000 acres. Sixty

individual farmers are involved in the program across nine East Tennessee counties. This year's planting included not only the standard Alamo switchgrass, but also two improved varieties of switchgrass as part of a multi-million dollar Department of Energy (DOE) grant. The program has also attracted another \$5 million DOE grant to study improved harvesting and logistics of biomass for commercial cellulosic ethanol production.

Yields of switchgrass have been meeting or exceeding expectations. First-year switchgrass yields an average of 2 dry tons per acre, second-year fields are averaging 4-5 dry tons per acre (with some exceeding 6 dry tons/acre), and mature, third-year fields are achieving 7-8 dry tons per acre.

For more information on the cellulosic ethanol project visit, www.generaenergy.net.



An overhead view of Randall Peters 96-acre switchgrass farm in Monroe County. Picture taken during the fall 2009 harvest. The "dots" are bales of switchgrass!

Welcome Emily DeVillers / ETCleanFuels Education Program



ETCleanFuels is pleased to welcome Emily DeVillers to the team! DeVillers, a native of Green Bay, Wisconsin, is coming on-board as a project facilitator. She will be building relationships with local partners and stakeholders, coordinating alternative fuel projects, and pursuing grant funding.

DeVillers is an experienced team leader and has worked as an AmeriCorps volunteer for ETCleanFuels since August 2009. During this time she served as the Education Coordinator and taught over 7,500 students about air pollution, oil dependence, and alternative fuels. DeVillers graduated with a bachelor's degree in environmental studies and politics & government from Ripon College. She has a passion for environmental issues and is excited to continue pursuing that passion.

It's been said that children live what they learn. Through education, children not only learn new information but their minds are stretched and reshaped with new ideas. ETCleanFuels education program is stretching student's minds and teaching them to live more sustainably. Through this program, local students learn about sustainability, alternative fuels, and air pollution.

ETCleanFuels provides presentations to students of all ages, from 1st grade to high school, that are specific to their age group. Activities for older students include playing a game of Clean Fuels Jeopardy while younger students are able to taste a soybean and learn through stories and interactive activities.

Since 2006, over 10,000 students have been reached through our education program. We would like to visit your students to discuss alternative fuels! To learn more about the program or to schedule a presentation, call or email Amanda Tate (865-974-1880; at.cleanfuels@gmail.com).



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Tennessee Alternative Fuels and Bioenergy Conference

Interested in learning more about Tennessee's alternative fuels and bioenergy sectors? By attending, you will have the opportunity to network with industry leaders and learn more about environmental sustainability in Tennessee. A wide variety of alternative energy information will be on-hand, including but not limited to...

- Alternative Fuels - including ethanol, propane, natural gas, biodiesel and conversion systems for multiple fuels
- Electric Vehicles and Infrastructure - current and future TN actions
- TN Agriculture Initiatives, like the 25Farmer Network
- Emerging Technologies - including current and future solar options
- TN's Bio-based Economy
- Biodiesel and Sustainable Municipalities
- Tennessee's 25x'25 Initiative and Progress
- The Future of BioEnergy in Tennessee

When: August 15-17, 2010

Where: Montgomery Bell State Park (Burns, TN)

Hosted By: Tennessee 25x'25 State Alliance

For more information visit www.bit.ly/energyconference



Odyssey 2010... x2

1. Nashville

Clean Cities of Middle Tennessee and the Nashville Auto Diesel



College (NADC) are co-hosting middle Tennessee's 2010 Odyssey. This event will be held October 15th from 10 a.m. to 3:30 p.m. at NADC and is free and open to the general public. Come see a Terex hybrid truck and listen to presentations by radio personality Phil Valentine and guest speaker Mark Swanson from Nissan. For more information contact Atha Comiskey (cleancitiesmidtn@comcast.net).

2. Knoxville

ETCleanFuels is partnering with Pellissippi State to hold East Tennessee's 2010 Odyssey and is planning a variety of interactive opportunities for attendees! A number of AFVs will be on-hand to see or test drive including CNG and propane



vehicles (come by the Propane Party for a grilled bite!). There will also be several discussions and competitions related to AFVs that attendees can join in. A selection of EVs will be on-hand to see and learn about, too. Check the ETCleanFuels.org website for the most up-to-date information on the event.

2010 Tennessee Public Biofuels Stations

Station Type	County	Retail Station	Interstate	Exit	Address	City	Phone
	Anderson	Weigel's #64	I-75	Exit 122	2409 Charles Seivers Blvd	Clinton	865-494-7970
	Bedford	Quik Mart #9			113 Lane Parkway	Shelbyville	931-685-9822
	Blount	EZ Stop Exxon			1764 W. Broadway Ave.	Maryville	865-379-6525
	Blount	EZ Stop Mobil			2102 West Lamar Alexander Parkway	Maryville	865-977-8367
	Blount	McNutt Oil's Cardlock			1817 W. Lamar Alexander Pkwy	Maryville	865-983-4280
	Blount	Mr. Gas Texaco			312 E. Lincoln Street	Alcoa	865-983-7719
	Blount	On the Run Exxon			2028 E. Hunt Road	Maryville	865-977-6862
	Bradley	Fuel and Mart USA #4	I-75	Exit 20	2480 S. Lee Hwy	Cleveland	423-476-3638
	Cocke	EZ Stop Exxon	I-40	Exit 432B	1103 US 25 & 70	Newport	423-625-3677
	Cocke	Mr. Gas Texaco	I-40	Exit 432A	1301 West 25/70	Newport	423-613-0826
	Cocke	Zoomerz #59	I-40	Exit 435	905 Cosby Highway	Newport	423-623-4724
	Coffee	Quik Mart #3			600 South Jackson Street	Tullahoma	931-454-0479
	Cumberland	Pilot Travel Center #114	I-40	Exit 320	2449 Genesis Road	Crossville	931-787-1901
	Davidson	Citgo	I-24	Exit 47A	5th Street & Main Street	Nashville	615-244-3828
	Davidson	Daily's #6602	I-65	Exit 92	3863 Dickerson Pike	Nashville	615-868-0551
	Davidson	Daily's #6603	I-65	Exit 97	150 Long Hollow Pike	Goodlettsville	615-851-1877
	Davidson	Daily's #6604	I-24/I-40	Exit 212	601 Fesslers Lane	Nashville	615-242-2566
	Davidson	Daily's #7100	I-40	Exit 209	2112 Charlotte Avenue	Nashville	615-327-0233
	Davidson	Daily's #7111	I-24	Exit 59	5272 Cane Ridge Rd.	Antioch	615-731-4063
	Davidson	Daily's #7122	I-65	Exit 74A	5701 Edmondson Pike	Nashville	615-781-8677
	Davidson	Daily's #7218	I-40	Exit 221	5800 Old Hickory Blvd	Hermitage	615-871-4210
	Davidson	Daily's #8863	I-440	Exit 3	4040 Hillsboro Road at Warfield Rd	Nashville	615-298-5745
	Dickson	Pilot Travel Center #409	I-40	Exit 172	2320 Highway 46 South	Dickson	615-446-4600
	Fayette	Somerville BP/Apple Barrel #6			17170 US Highway 64 East	Somerville	901-465-3038
	Greene	Zoomerz #68	I-81	Exit 23	13425 W. Andrew Johnson Hwy	Bulls Gap	423-235-2202
	Hamilton	Midnite Oil			4831 Bonny Oaks Drive	Chattanooga	423-892-5211
	Knox	Coffman Oil SmartServ			7132 Maynardville Pike	Halls	865-922-7245
	Knox	Pilot Food Mart #104	I-140	Exit 5	9550 Northshore Drive	Knoxville	865-692-9751
	Knox	Pilot Food Mart #105	I-40/I-75	Exit 379	205 Walker Springs Road	Knoxville	865-694-8160
	Knox	Pilot Travel Center #219	I-40	Exit 398	7210 Strawberry Plains Pike	Knoxville	865-544-1067
	Knox	Regal Fuels Cardlock	I-40/I-75	Exit 374	10831 Murdock Drive	Knoxville	865-521-5010
	Marshall	Quik Mart #10			800 North Ellington Parkway	Lewisburg	931-359-1001
	Maury	Kroger #594	I-65	Exit 53	4900 Port Royal Road	Spring Hill	931-560-2141
	Maury	Quik Mart #14			1102 Nashville Highway	Columbia	931-388-8557
	McMinn	Valley Mart # 6			430 S White St	Athens	423-745-5482
	McMinn	Valley Mart #12	I-75	Exit 52	1006 Congress Parkway North	Athens	423-744-0607
	Monroe	On the Run Exxon			1930 Hwy 411	Vonore	423-884-6672
	Montgomery	Beach Oil Co. (Bulk oil plant)	I-24	Exit 11	631 M.L.K. Parkway	Clarksville	931-358-9303
	Montgomery	Shell Sudden Service #32	I-24	Exit 4	110 Needmore Road	Clarksville	931-647-5300
	Montgomery	Shell Sudden Service #44	I-24	Exit 4	3090 Wilma Rudolph Blvd	Clarksville	931-906-0631
	Montgomery	Wyatt-Johnson Buick-Pontiac-GMC	I-24	Exit 4	2600 Wilma Rudolph Blvd.	Clarksville	866-370-9341
	Roane	Exxon/Zoomerz #67	I-40	Exit 352	935 N. Kentucky Street	Kingston	865-376-5004
	Robertson	Shell Sudden Service #36			501 Memorial Boulevard	Springfield	615-384-6013
	Rutherford	Daily's #6130	I-24	Exit 70	8281 Tridon Drive	Smyrna	615-355-7073
	Rutherford	Daily's #8804			1925 New Lascassas Pike	Murfreesboro	615-896-8995
	Sevier	On the Run Exxon			1401 Winfield Dunn Pkwy	Sevierville	865-428-2835
	Shelby	Riverside Grill	I-40	Exit 1A	694 Riverside Drive	Memphis	901-527-3946
	Smith	Mixon Nollner Oil Co.	I-40	Exit 258	30 Cookeville Highway	Carthage	615-735-2750
	Sullivan	Roadrunner Shell #101			1716 Volunteer Parkway	Bristol	423-764-5059
	Sullivan	Roadrunner Shell #113	I-26	Exit 1	2000 N. Eastman Road	Kingsport	423-245-1069
	Sullivan	Roadrunner Shell #145	I-81	Exit 59	4222 Fort Henry Drive	Kingsport	423-239-7531
	Sullivan	Zoomerz #65	I-26	Exit 4	2306 Sullivan Gardens Parkway	Kingsport	423-378-1501
	Sumner	Daily's 8899			369 New Shackle Island Road	Hendersonville	615-822-9664
	Sumner	Thorntons #610			1049 Long Hollow Pike	Gallatin	615-230-8133
	Washington	Roadrunner #131	I-26	Exit 19	3900 Bristol Hwy	Johnson City	423-282-8567
	Washington	Roadrunner Shell #124			141 Boone Street	Jonesborough	423-753-9093
	Williamson	Daily's #7123	I-65	Exit 69	7112 Moores Lane	Brentwood	615-221-8767
	Williamson	Little Brothers Shell	I-65	Exit 74B	141 Franklin Road	Brentwood	615-373-4114
	Wilson	Daily's #6135	I-40	Exit 236	911 South Hartman Drive	Lebanon	615-453-5409

Proposed Stations

	Blount	Zoomerz #58 Exxon/Mobil			107 S. Washington St.	Maryville	865-984-2380
	Davidson	Thorntons #608	I-40	Exit 201	7102 Charlotte Pike	Nashville	615-354-8744
	Davidson	Thorntons #602	I-40	Exit 219	714 Stewarts Ferry Pike	Nashville	615-883-2250
	Davidson	Thorntons #604	I-65	Exit 92	217 Myatt Drive	Madison	615-860-0443
	Knox	Weigel's #71			10625 Hardin Valley Rd.	Knoxville	new station
	Madison	Pilot Travel Center #366	I-40	Exit 85	32 Sand Pebble Dr.	Jackson	731-422-5545
	Rutherford	Thorntons #605	I-24	Exit 80	927 Old Fort Parkway	Murfreesboro	615-893-5109
	Rutherford	Thorntons #600			300 Sam Ridley Parkway E.	Smyrna	615-459-6883
	Sevier	Weigel's #69			1512 Dolly Parton Pkwy	Sevierville	new station
	Shelby	Pilot Travel Center #405			4949 Lamar Avenue	Memphis	901-202-5520
	Sumner	Thorntons #601			768 East Main St.	Hendersonville	615-264-0106

B20 E85 B20 & E85 B6-B20 B99 Proposed Stations