# W.Va. Clean State Program 20-Year Anniversary Celebration





WEST VIRGINIA DIVISION OF

WEST VIRGINIA CLEAN STATE PROGRAM

Kelly Bragg, coordinator

W.Va. Clean State Program

### W.Va. Clean State Program Designation



# October 18, 1994, the W.Va. Clean State Program is designated the 21<sup>st</sup> U.S. DOE Clean Cities Coalition.







#### ARTICLE 2A.

### USE OF ALTERNATIVE FUELS IN STATE-OWNED VEHICLES.

Sec. 5A-2A-1. Definitions. 5A-2A-4. Prohibition of subsidies or incentive payments.

Sec. 5A-2A-4. Prohibition of subsidies or incentive payments.

gas.

#### § 5A-2A-1. Definitions.

5A-2A-3. Regulation of compressed natural

As used in this article, the following words and phrases shall have the meanings hereinafter ascribed to them:

3

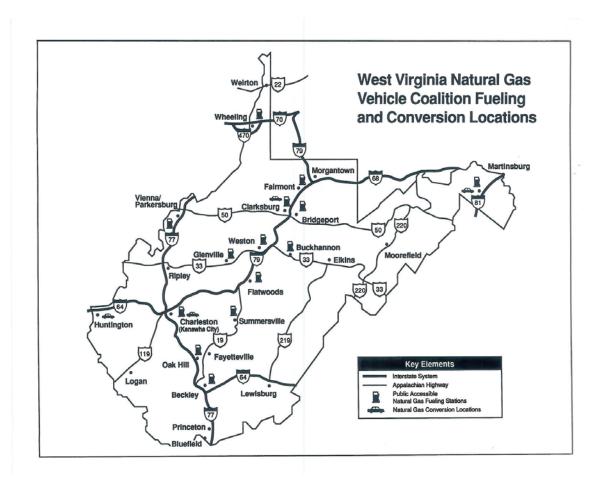
### § 5A-2A-2. Purchase or lease of fleet vehicles; use of alternative fuels.

- (a) After the first day of September, one thousand nine hundred ninetythree, the secretary may purchase or lease alternative fuel vehicles for use by any state agency.
- (b) The secretary may acquire or be provided with equipment or refueling facilities necessary to operate alternative fuel vehicles by any of the following methods:
- (1) Purchase or lease as authorized by law;
- (2) Gift or loan of the equipment or facilities; or
- (3) Gift or loan of the equipment or facilities or other arrangement pursuant to a service contract for the supply of alternative fuels.
- (c) If such equipment or facilities are donated, loaned or provided through other arrangement with the supplier of alternative fuels, the supplier shall be entitled to recoup its actual cost of donating, loaning or providing the equipment or facilities through its fuel charges under the fuel supply contract.
- (d) Of the total number of vehicles acquired or caused to be acquired by the secretary for use by any state agency vehicle fleet:
  - (1) Twenty percent in fiscal year one thousand nine hundred ninety-five;
  - (2) Thirty percent in fiscal year one thousand nine hundred ninety-six;
- (3) Fifty percent in fiscal year one thousand nine hundred ninety-seven, shall be alternative fuel vehicles.
- (e) The secretary shall review this alternative fuel use program on or before the thirty-first day of December, one thousand nine hundred ninety-seven, and if the secretary determines that the program is effective in reducing costs to the state, taking into consideration the cost of operating alternative fuel vehicles over the expected useful life of such vehicles, the secretary shall, of the total number of vehicles acquired in each fiscal year, acquire at least seventy-five percent alternative fuel vehicles for state agency fleets beginning the first day of September, one thousand nine hundred ninety-eight, and thereafter.















funding toward the project. The car,

a 1988 Chevy Sprint, was donated

by Lewis Chevrolet. We were one of

twenty-five schools in the EV Grand

Prix at the Richmond International Raceway to convert a gasoline pow-

ered car to an electric powered car.

# Thank You to Our Sponsors

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Careers and Technology once again program. They were partners in the project with Appalachian Power Co. Appalachian Power Co., Glenn Smith,

Lewis Chevrolet and the Academy of Receiving word of the project's nomination as a finalist in the 1995 Geo Award have received national recognition for for Environmental Excellence program their participation in an electric vehicle are (from left) Jim Campbell, electronics

assistant principal at the school, John Lilly, shop foreman at Lewis Chevrolet, Nancy Pat Lewis-Smith, president of Lewis Cnevrolet, and Randy Dempsey, general sales manager.

# Dealership, technical school rack up another award





"Little good is accomplished without controversy, and no civic evil is ever defeated without publicity."



# The Daily Athenaeu The Campus Newspaper of West Virginia University

Vol. 109 No. 10

Morgantown, West Virginia

Thursday, August 29, 1996

### Morgantown Airport gains recognition

University-created Cessna 150 uses drinking alcohol as an alternative fuel

By KELLY COLLINS STAFF WRITER

The Morgantown Municipal Airport, the city and the University were commended Wednesday at the University Hangar by the U.S. Department of Energy for launching the second clean airport in the

Mayor Charlene Marshall, Airport Manager Bill Plutt and University President David Hardesty were awarded plaques by the U.S. Department of Energy (DOE) which recognized them as charter members of the Clean Airport program.

The program was created by the DOE to target small airports, aircraft owners and pilots seeking alternatives to using current aviation gasoline (avgas), which is expensive and produced in small quanti-

Its goals are to reduce dependence on imported tank and the ethanol in its left-wing tank. oil and to bring about a reduction in exhaust emissions through the use of alternative fuels.

liquefied natural gas, methanol, ethanol, propane, gallon. hydrogen and biodiesel.

John Russell, Director of the Office of Alternative Fuels for the DOE, said West Virginia has been omy, Russell said. successful with other "clean" programs.

"You can drive almost anywhere in West Virginia on natural gas," he said.

Russell said the state was able to make stations accessible to alternative fuel within six months. As a result of the quick conversion to public ac-

cessible natural gas fueling stations, Russell said he would like to offer a challenge to the state.

"I would like to see two more airports by Christ-fuels.

with alternative fuel," he said, "keep pushing toward that goal ... I know you'll do it,"

Currently, the airport and the University have many alternative fuel vehicles.

Some on display at the hangur were electric cars. a new generation concept car and an ethanol fueled

The airplane, a Cessna 150, was created by the Department of Mechanical and Aerospace Engineer-

It is one of few in the country that has a dual fuel system which uses either ethanol (drinking alcohol)

The green-and-white-painted craft, called the "The Green Baron," symbolizes the department's commitment to clean air and a green Earth. It carries the aviation gasoline in its right-wing

Ethanol, one of the least expensive domestic

fuels, costs about \$1.25 per gallon compared to Alternative fuels include compressed natural gas, avgas which has the wholesale price of 85 cents per

It is also safer to use. Alternative fuels may also be better for the econ-

"If you don't think (soldiers) shed their blood for oil, think again," he said, "... and this is the way to stop it."

Hardesty said he believes the use of alternative fuels will create a less dependent economy and a clean, green environment

Also, he said he believes the University is at the forefront of the technology behind alternative



TRISH BENNETT/ Athenaeum

DA PLANE! DA PLANE!: This ethanol-powered airplane was on display Wednesday afternoon at the Clean Airports Designation Ceremony at the University Hangar of the Morgantown Municipal Airport.

Jeff Herholdt, manager of the energy efficiency program for the West Virginia development office said, at this rate, by the year 2010, 70 percent of all the petroleum products in the country will be im-

That's \$1 billion dollars per year, he said. This is why alternative fuels are so important, he

At the end of the meeting, a stunt show featuring "The Green Baron" took place.

### **BOG** gets new year under way

STAFF WRITER

Student Administration Board of Governors started the year out with smiles and a little heat as BOG member Brad Keller suggested tion and Attorney General Steve De-Lorenzo accused members of stealing things from his desk.

"I'm just a little ticked off here. DeLorenzo said. "First it was money and then resolutions. If you want something then ask for it. If you're not an executive officer then you don't belong (in the executive office). Is that understood? Things are going to change around here."

Keller wanted a few things to be changed too - namely the BOG's procedure of taking a student vote before changing bylaws.

Currently every time BOG wants to change a bylaw, as long as it falls under the constitution, they have to organize a student referendum.

Historically, about 100 students out of the University's 23,000 eligible voters have participated in such

> WEST VIRGINIA DIVISION OF WEST VIRGINIA CLEAN STATE PROGRAM



Monday, February 12, 1996



"In a four-to-five-year time period, some fleet operators can recover the cost of their equipment (through use of the more cost-effective natural gas fuel),"

McLaughlin said.

If the "new" industry continues to grow, the demand for specially-trained mechanics, technicians and service employees will expand the scope of West Virginia's infrastructure.

Field experts like Christine Ervin, as-According to Lyons, West Virginia is sistant secretary for energy efficiency and Energy, will address both economic and environmental issues at the National "Town Meeting" in Charleston.

The meeting, sponsored by the U.S. Department of Energy, the West Virginia Natural Gas Vehicle Coalition and the West Virginia Development Office in Charleston, is one of three national meetings on the topic.

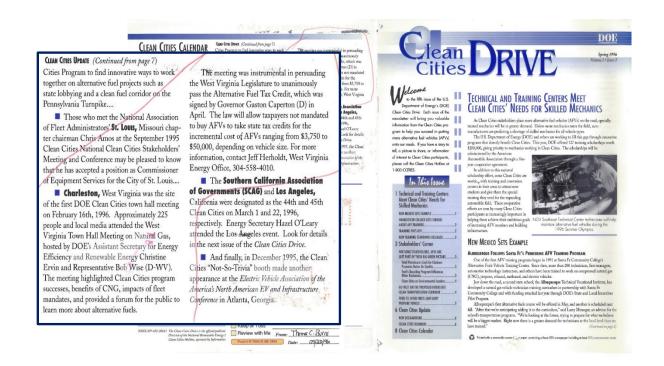
### IT'S A GAS:

Randy Long from the mechanical equipment shop fills up one of the Physical Plant's vehicles with natural gas. The physical plant's goal is to convert one vehicle a week to natural gas, a cleaner, more efficient fuel.





# February 16, 1996 the W.Va. Clean State Program hosts the first U.S. DOE Clean Cities town hall meeting.







### Bluefield's first natural gas station opens mid-August

By CHELYEN DAVIS of the Daily Telegraph staff

BLUEFIE'D -Starting August 19, area drivers will be able to fill up their cars with not gasoline, but natural gas.

That's the date Bluefield's first natural gas station is scheduled to open at Deb's Food Mart on Cumberland Road. The Bluefield station makes West Virginia's 26th compressed natural gas station. Already you could drive across the state in a natural gas vehicle - when the Bluefield station opens, you'll be able to get to Charlotte, N.C.

Those 26 stations are located in 19 of West Virginia's 55 counties.

"West Virginia's got enough stations that you can just go all over the place," said Steve Hopta of Pocahontas Land Corp. Hopta has been involved in the progress of natural gas vehicles (NGVs) in West Virginia for years. "We may not have as many (as other there are state and federal tax

states) but ours are strategically located. We have probably the best infrastructure.

The first CNG in West Virginia opened in Charleston in 1991. The West Virginia Natural Gas Vehicle Coalition started in 1993 to help develop stations. West Virginia was the first state to be declared a Clean State, which means access to federal money for the development of natural gas stations.

Of course you can't drive on natural gas unless your car has been converted to run on it. So the new station at Deb's Food Mart is putting the cart before the horse in a way - most Bluefield residents drive cars that run on gasoline. You can get a car converted to be bi-fuel, meaning it runs on gasoline or natural gas, or you can order a bi-fuel or a dedicated (natural gas only) vehicle from the factory.

Neither option is cheap, but



From left, Steve Hopta, Jeff Heirholtz and Jim Shockley.

breaks that pretty much cover

So the only major problem is finding a shop to convert the car. As of now, you'll have to drive at least as far as Beckley.

But Jim Shockley of Bluefield

Gas, one of the companies involved in putting in the station at Deb's, said they're working on convincing local mechanics it's worth their while to learn how to

"By year-end we should have a gasoline

local conversion shop estab-lished," Shockley said. He said the owner of Deb's has a shop next door and is interested in converting vehicles. Shockley said the gas company

takes their vehicles to Automotive Research Technologies in Morgantown for conversion and maintenance. He said the company is interested in working with a local shop to do conversions.

"They're currently looking for a local shop to work in conjunction with them," Shockley said. The company will train workers and get them certified to work on natural gas vehicles.

"In the meantime, ART will come pick up your car, take it to Morgantown, convert it and bring it back." Shockley said.

The station at Deb's is finished except for some minor connections, Shockley said. Natural gas at Deb's will sell for 89 cents per gallon, which is cheaper than

### Natural gas: A fuel for the future

By CHELYEN DAVIS of the Daily Telegraph staff

BLUEFIELD -Gasoline-powered cars, lawnmowers, equipment, or any other machine may soon be a thing of the past. Look out, foreign crude oil - natural gas is

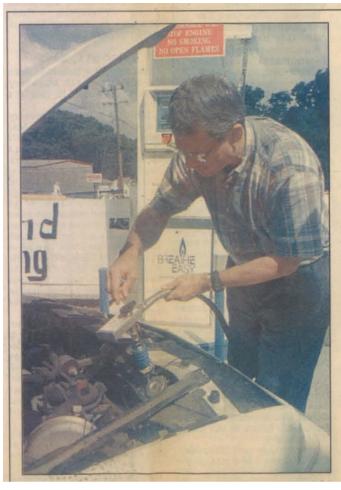
In the next two weeks. Bluefield's first natural gas station will open at Deb's Food Mart on Cumberland Road. It will be the 26th CNG (compressed natural gas) station in West Virginia. The first opened in Charleston in

But how did West Virginia, and

Natural, B-2







# Gasoline alternative comes to Bluefield

By BILL ARCHER of the Daily Telegraph staff

BLUEFIELD -Alternative fuel enthusiasts were cooking with gas on Wednesday. Motorists of the two Virginias now have a place to fuel their compressed natural gas vehicles in Bluefield.

Officials of Bluefield Gas and Hope Gas joined with Rep. Bob Wise (D-W.Va.) to celebrate the opening of West Virginia's newest commercial compressed natural gas fueling station at Deb's Food Mart at the intersection of Cumberland Road and Grassy Branch.

Wise called the use of compressed natural gas "unbeatable," and added that the use of natural gas in personal vehicles means "the Sierra Club loves you and so does Wall Street."

According to Wise, the opening of the natural gas fueling station means that motorists statewide are now within range of fuel for their vehicles.

"Now you can drive anywhere, north to south and east to west and get fuel," Wise said.

"The technology is proven," Wise said. "It is a sound investment. West Virginia has been designated by the Department of Energy as the only 'clean state' in the nation. Bluefield now makes that picture complete."

Jim Shockley, manager of

Gasoline, A-3







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### Fleet, Commercial - Municipal & Federal Organizations

Checklist of Equipment Now Available for your consideration today through '97 and specializing in Alternative Fuel Equipment

Alllison Transmissions
Ambulances
Buildings, i.e. Jail, Hospital, Schools
Chrysler CNG Vehicles
Communications Equipment
Crown Victoria NGV
Electric Vehicles
Energy-Saving Light Fixtures
Environmental (HVAC) Retrofit
Ethanol Equipment

Fire Engines
Ford Escort Cal LEV Certified
Ford E-Series Van, 5.41, V-8 Dedicated
Ford F-250 Pickup, Dedicated
Ford Contour - Bi-fuel
Fork Lift Trucks
Fuel Makers
LNG Compressors
Methanol Plants
M-85 Ford Taurus, Flex Fuel
Natural Gas Equipment
Police Interceptor NGV (Ford)
Propane Conversions

F-700 Propane
School Buses
Snap-Tite Retrofitting
Stations, Fueling
Utility Vehicles
Total Containment Vessels
Hummer Police Tactical Vehicle (HPTV)

Hummer Fire Command Vehicle (HFCV)

LEASE OR PURCHASE

### Chrysler/Dodge Lineup for '97

Chrysler Corporation's line up is the same as last year's except for the Ram Pickup will only be available in the 1500.

#### The line up is:

97	ULEV & ILEV CERTIFIED RAM 1500 DEDICATED PICK UP		
	Engine	5.2 V-8	
	Transmission	4 Speed Automatic	
	Seating (Max)	3-Passenger	
	Fuel Capacity	16.3 gallons @ 3000 psi equivalent	
	Range		
	City:	125-175 miles	
	Highway:	175-225 miles	
97	ULEV AND ILEV CERTIFIED DODGE RAM WAGON		
	Ram Van/Ram Wagon	Ram MaxiVan/Ram MaxiWagon	
Engine	5.2L, V8	5.2L, V8	
Transmission	4 Speed Automatic	4 Speed Automatic	
Seating (Max)	Up to 12	Up to 15	
Fuel Capacity	11.1 Gal Std.	14.5 Gal Std	
@ 3000 psi	14.5 Gal, Opt.		
Range			
City:	100-150 miles	100-150 miles	
Highway:	150-200 miles	150-200 miles	
97	ULEV AND ILEV CERTIFIED CNG MINIVANS		
	DODGE CARAVAN/PLYMOUTH VOYAGER		
Engine	3.3L, V-6		
Transmission	4-speed automatic		
Seating (Max)	7 Passenger		
Fuel Capacity	10.1 Gal.		
@ 3000 psi	Equivalent		
Range			
City:	125-175 miles		
Highway:	175-225 miles		

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# Gas for less than a dollar

### Coalition pushing gains of natural gas for autos

By Alexis McDaniel

FAIRMONT Manager Bruce McDaniel tools around town in a Ford Explorer that can be powered by gasoline or compressed natural gas. It's not the only one of its kind in the city's fleet either.

Of the city's water and sewer department's 50 vehicles, six of them are bi-fuel. And the Fairmont Police Department recently began using an all natural gas cruis-

At a time when gasoline prices are rapidly rising and hovering around \$1.50 per gallon (for the least expensive unleaded), the West Virginia Natural Gas Vehicle Coalition hopes drivers take another look at alternative fuel sources.

Rory Williams of Hope Gas and a promoter of the Coalition said a survey last be converted to bi-fuel use. Or week of the more than two a bi-fuel or all-natural gas dozen natural gas stations in vehicle can be purchased from West Virginia showed prices a dealership, Williams said. ranging from 75-99 cents per equivalent gallon of gasoline.

effort to have them installed

at the Bonasso Citgo and the new Exxon at the Kingmont Exit of I-79, Williams said.

He said natural gas prices have remained stable for the past five years and there are now around 1,500 natural gas vehicles on West Virginia's

"Natural gas prices at the pump do not have the same influences that are driving up gas prices now," he said.

The gasoline hikes have been blamed on oil refinery problems and threats from suppliers in other nations, he

The natural gas used to power a vehicle is the same stuff used in homes for heating and cooking, but at stations, the gas is compressed as it is funneled into a storage

Of course, drivers can't put natural gas into a standard gasoline engine. So to use the fuel, an existing vehicle has to

Converting a vehicle to bifuel costs between \$3,500-The first natural gas pump \$4,500 and takes a mechanic station was opened in West about two days, he said. The Virginia in 1991, but a serious process involves installing lines, a pumping area and a and educate drivers began storage tank, which usually is



Patrolman Jeff Fairley fills up the City of Fairmont's only all-natural gas vehicle at the Fair Mart Chevron. The city has seven other bi-fuel vehicles, which can use gasoline or natural gas.

cost more as a result of the credit for natural gas vehicles

There are pros and cons of using a natural gas vehicle.

Some of the benefits

licensed in the state and or \$2,000 deduction on federal income tax fillings.

• Fuel costs that are 30-60

Williams owns a dedicated natural gas vehicle and a bifuel truck. He knows firsthand they aren't for everyone - at quiet, cleaner emissions, he cents per gallon lower than least for now. He said people

benefit the most.

In larger cities, public buses are an excellent application because residents support





# STATE JOURNAL MINEPOLL

# UP FRONT

www.statejournal.com May 19, 2006 • Page 3

#### WHAT DO YOU THINK?

Do you think National Guard troops should patrol U.S. borders?

Vote at statejournal.com through next Tuesday. We'll list the results here in our next issue.

#### LAST WEEK'S RESULTS

We asked visitors to West Virginia Media's Web sites, "Did you vote in this year's primary election in West Virginia?"

Here are the results:

- Yes 59 percent ■ No — 41 percent
- Total votes: 1,079

This poll is not scientific and reflects the opinions of only those Internet users who have chosen to participate. It does not necessarily reflect the overall opinion of West Virginia residents.



# Consumers Cope With Fuel Prices

MANY MOTORISTS CAN'T DRIVE LESS EVEN AS THEY PAY MORE FOR GASOLINE

By BETH GORCZYCA

bethg@statejournal.com SOUTH CHARLESTON — Jill Oliver's business is fueled by gasoline.

But with the cost of petroleum hovering around \$70 per barrel recently, some of Oliver's top customers say they have no choice but to cap their fuel consumption.

For her small company, Oliver's Fuel and Oil, those threats are a little worrisome. Oliver's business depends on both retail customers who fill up their cars and trucks, and construction and industrial customers who buy fuel wholesale from her.

"They've been complaining a lot," Oliver said of her customers. "They keep saying they are going to do this, or do that and



PAM KASEY / The State Journal

Dulaney Oil Co. in Morgantown is the only gas station in the state that is selling high ethanol gas known as e85. The fuel is made from corn and averages about 20 cents less per gallon than traditional petroleum-based fuel.

though, as summer rolls in.

opened up some opportunities

tional petroleum-based fuel.

"The downside about it is that the closest ethanol plant is in the Midwest, and we have to ship it in," Kelly said. "Those shipping costs add about 30 cents to each gallon. The other downside is that there is a little loss on the miles per gallon users get."

Right now, e85 fuel makes up a small percentage of Dulaney Fuel's total business, but Kelly said he believes his business will grow significantly in the future. General Motors, Ford and Chrysler make cars with the "flexi-fuel" system that can use ethanol-based fuel.

"(E85) is not my bread and butter yet — I still need the other stuff for my business," he said. "But eventually I'd like to have four or five more stations around the state — one in the southern part, one in the Eastern Panhandle, one in the west and one or two in the central part of the state."

Risch said the current high gas prices could spell success for other types of fuel, too. She









Charleston Daily Mail - News - Pair convert car to run on batteries

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### Charleston Daily Mail

News

Tuesday April 8, 2008

Pair convert car to run on batteries

by Cory Jackson For the Daily Mail

HUNTINGTON - Mike Beahm is asking the same question as everybody else.

"Have you driven by a gas station and seen the prices lately?"

The difference is, Beahm has the skills and motivation to do something about it.

Beahm and his son-in-law, Matt Rowe, have rigged up a car powered entirely by

The subject of their experiment is a 1989 Ford Festiva.

It's not a pretty car by any means, Rowe admitted.

"We wanted something small and lightweight," Beahm said.

The pair purchased the car for \$600. They have spent about \$4,250 converting the Festiva to run on batteries, Beahm said. The car does not have a gas tank, muffler system or a radiator.

"The converted system runs great," Beahm said. "Any trouble we've had has been with the original components of the car."

The car requires six 12-volt batteries to power the drive system and an additional battery to operate the car's accessories, including the radio and lights, Rowe said. Initially, all seven batteries were placed in the back of the car, but noticing the car was dangerously unbalanced, Beahm and Rowe shifted two of them to the front.

Without a radiator, the car lacks a heating system, but for the convenience of never having to buy gas, it's a sacrifice Beahm and Rowe said they are willing to make.

The car's charging system can be plugged into any outlet and takes about four hours to fully charge. Once charged, the car can only travel about 15 miles at a top speed of 45 miles per hour, Beahm said.

"You're limited on range and speed, but for a back and forth to work and errand car, you can't beat it," Beahm said.

The duo said they are in the planning stages of their next effort, wherein they hope to convert a small truck, such as an S-10 or a Ford Ranger, Rowe said. Those trucks will

http://www.dailymail.com/News/200804080235

4/8/2008

Charleston Daily Mail - News - Pair convert car to run on batteries

Page 2 of 2

allow for a greater number of batteries while remaining lightweight, Beahm said.

"Based on what we learned, we feel like we can improve the range and speed significantly." Beahm said.

Beahm has a background in engineering, financed the project and worked with the electrical component of the car. Beahm, 50, of Huntington owns High Performance Heat Treating, where both men are employed. He graduated from Virginia Tech University with a degree in engineering.

Rowe, a car whiz, focused on applying Beahm's ideas to a vehicle. Rowe, 21 and also from Huntington, is a welder at High Performance Heat Treating. The two men have known each other for about two vears.

Now they carpool to work together in the morning and alternate taking the car on small errands, such as to the bank or grocery shopping, Rowe said.

Aside from the money saved on gas, Beahm and Rowe said their motivation stemmed from a desire to free themselves and others from the dependence on foreign oil.

"There are too many other developing nations, like China and others, who are beginning to drive more and are going to be competition when it comes to supplying oil," Beahm said.

Beahm said he has been contacted from as far away as Georgia and Florida by people interested in having him convert their car, but the logistics of shipping a car or traveling were too complicated.

Others have successfully completed the conversion, but Beahm and Rowe said they are the only ones from this area to do so.

"Everyone who does it seems to have a Web site chronicling their adventures with it," Beahm said. "We haven't done that yet, but maybe we should."

FREE Flip on over ©

http://www.dailymail.com/News/200804080235

4/8/2008





### Hydrogen fueling station opens for service at Yeager Airport.



Yeager Airport
Hydrogen Fuel Station
Dedication

August 17, 2009 2:00 PM



NETL's Hydrogen Research & Development/ Test & Evaluation Platform



### Monday, August 17, 2009

#### 2:00 PM- 2:45 PM

Commissioning of Yeager Airport Hydrogen Facility And Press Conference, Remarks from:

- · Anthony Cugini,
  - National Energy Technology Laboratory
- W. Kent Carper
  - President of Kanawha County Commission
- Representative Shelley Moore Capito
  - o 2nd Congressional District
- Major General Allen Tackett
  - West Virginia National Guard
- Curt Peterson
  - o Vice President, West Virginia University
- Gug Sresty
  - o Parsons Engineering
- Scott Slyfield
  - U.S. Air Force Advanced Power Technology Office

#### 2:45 - 3:45 PM

Demonstrations of Hydrogen Vehicles & Fuel Cell

#### 3:45 PM

KRT Bus Departs Yeager for Embassy Suites













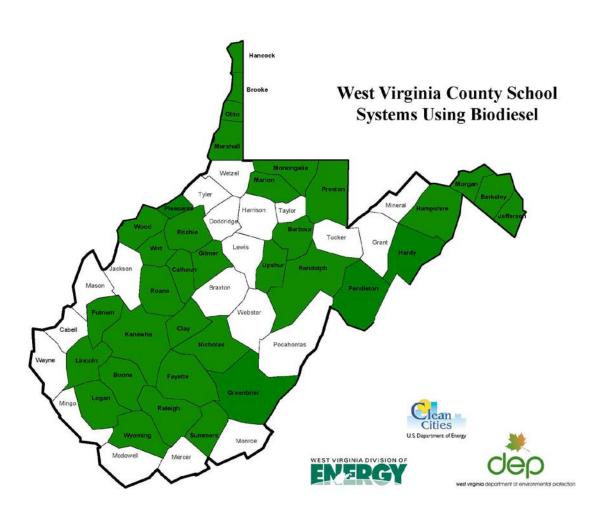














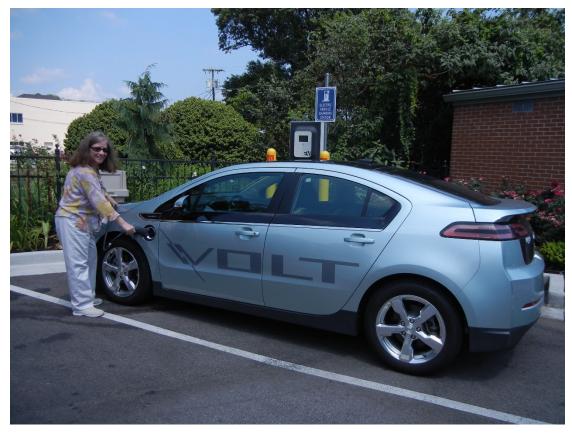
# 2010







# McDonalds opens second electric charging station in nation in Charleston, WV.







The W.Va. Clean State Program hosts the NAFTC Petroleum Reduction Technologies Regional Coordinator Training in Charleston, WV.







### Compelling Case for Natural Gas Vehicles in Charleston, WV







### Alternative fuel vehicles on display at State Capitol Complex



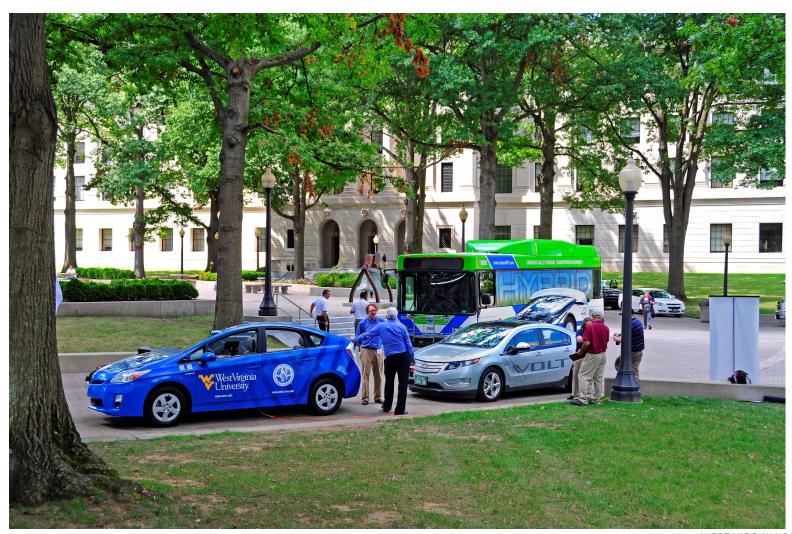






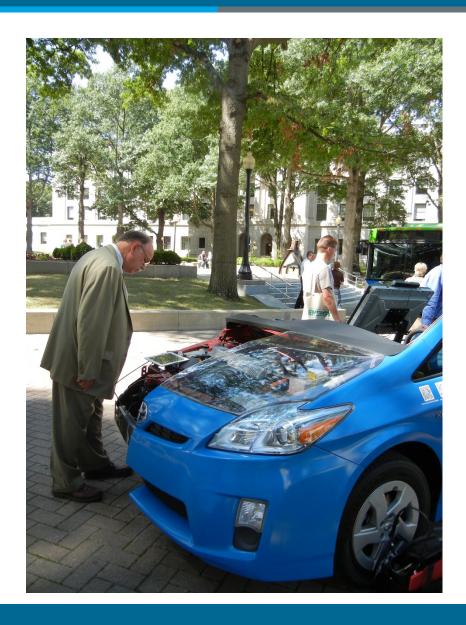








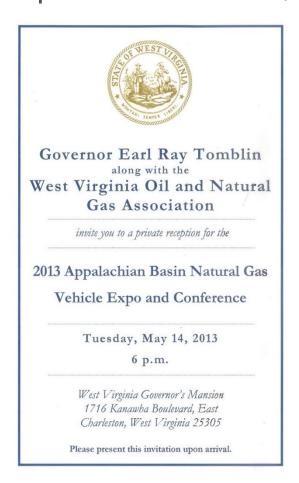


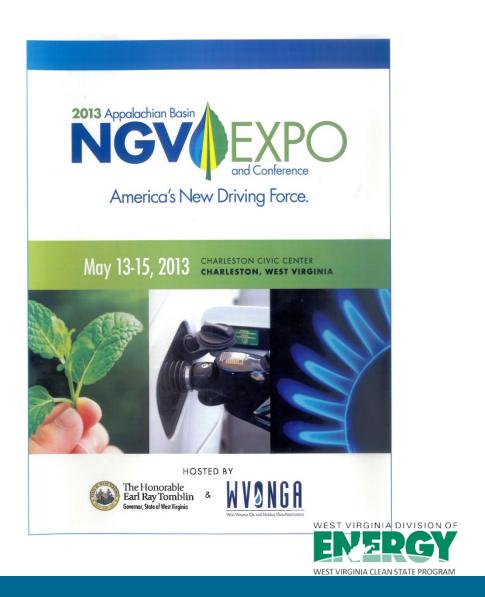






First Appalachian Basin Natural Gas Vehicle Expo held in Charleston, WV.



















The W.Va. Clean State Program hosts a stakeholder meeting at the NAFTC headquarters in Morgantown, WV.

programs and activities that will lead to energy independence





CNG stations open in Charleston, Jane Lew, and Bridgeport, WV.







### W.Va. Division of Highways drivers learn about CNG fueling







### IGS Energy/CNG Services CNG fueling in Charleston, WV.







The W.Va. Clean State Program hosts a stakeholder meeting at the CNG station in Bridgeport, WV.









The W.Va. Clean State Program and NAFTC host a series of natural gas and propane workshops for fleets in Bridgeport, Charleston, and Wheeling, WV. More are scheduled in 2015.





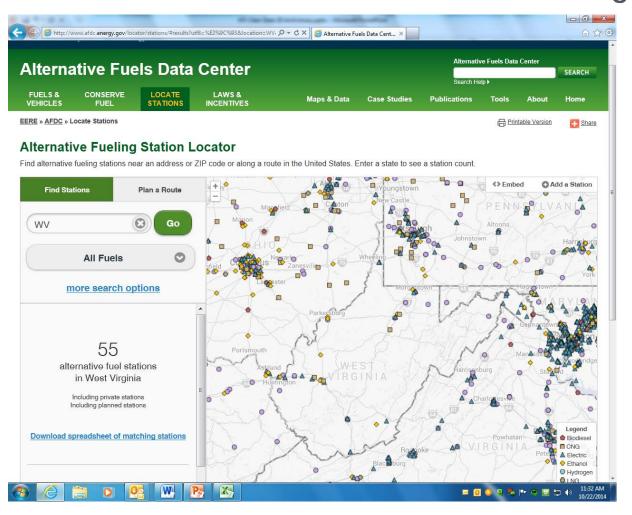








# 55 alternative fuel stations in West Virginia



2 biodiesel

4 CNG

9 E85

28 electricity

12 propane



### **Contact Information**



# West Virginia Clean State Program

www.energywv.org/cleanstateprogram

Kelly A. Bragg, coordinator (304) 957-2004 kelly.a.bragg@wv.gov

