



## Virginia Clean Cities Hampton Roads Clean Cities Coalition Monthly Status Report – July & August 2006



### Virginia Clean Cities August Biodiesel Workshop a Huge Success. Dates and Locations Confirmed for Central and Western Virginia Workshops.

The Virginia “Farmer & Small Producer Biodiesel Workshop” held in Suffolk on August 9 was a great success. Interest was so high, Virginia Clean Cities had to turn folks away! Of those who attended, 73% of participants were very satisfied with the event. Interested farmers, entrepreneurs, and citizens traveled from all parts of Virginia and even from North Carolina to hear the diverse array of expertise brought by the many wonderful speakers. For only \$10.00, attendees received an immense amount of information, breakfast, lunch, refreshments, a resource CD that contains all speaker presentations and over 30 other biodiesel related documents, and an “Introduction to Biodiesel Vehicles” booklet published by the National Alternative Fuels Training Consortium. The event also proved to be a great networking opportunity for many. Virginia Clean Cities was able to provide all of this for almost nothing because of our funding partners, Southern States Energy Board.

Many thanks to numerous others who helped coordinate and sponsor the Suffolk biodiesel workshop. Griffin Oil & Propane was yet again good to us, and provided lunch for attendees, and Colonial Farm Credit provided refreshments during breaks. The Tidewater Agricultural Research and Extension Center hosted our event and provided a fitting venue that many farmers in attendance were already familiar with. Last, but certainly not least, we cannot forget our outstanding partners at the South Hampton Roads Resource Conservation & Development Council. Without their help, specifically Gene Crabtree, this workshop would not have included as much as it did nor run as smoothly.

Missed the last two, but still want to attend? Virginia Tech will host our third workshop on November 20, 2006. Details will be posted to the website as they are confirmed. The last workshop will take place in Petersburg, on December 7, 2006. A flyer for the Petersburg workshop with registration information has already been posted to the web, <http://www.hrccc.org/biodiesel.html>.

#### Items of interest this month:

- New Mailing Address
- Virginia Clean Cities and the Virginia Soybean Association Distribute Funds to Stakeholders
- AFV Day Odyssey in Virginia Going to Be BIG!
- The GRTC and Tidewater AREC added to list of biodiesel users
- Presentations from AFV Expo Available for Download
- Greg Pahl's book “Growing a New Energy Economy” available to Clean Cities Stakeholders at a Discount
- Domestic Fuels Opens 8 Biodiesel Locations
- 12 New FFVs Available in 2007
- IRS Releases Publication 510 Guidance
- EIA Report Predicts Continued High Oil and Gas Prices
- Virginia Energy Plan Public Hearing
- Many Alternative Fuel Events Planned for the Fall

## **Clean Cities Has New Mailing Addresses And A Fax Number – Please Make Note**

Please direct all mail to the Kilmarnock address, unless it is specifically for Chelsea.

Clean Cities  
c/o Al Christopher  
401 Keith Avenue  
Kilmarnock VA 22482

Clean Cities  
c/o Chelsea Jenkins  
472 Eden Roc Circle, #308  
Virginia Beach VA 23451

Fax: (775) 368-9713

## **Virginia Soybean Association and Department of Mines, Minerals and Energy Provide Biodiesel Grants**

More than \$18,000 was distributed to sponsors of eight biodiesel projects in July and August. The Biodiesel Retail Infrastructure and Marquee Fleets proposal was funded by the Virginia Department of Mines, Minerals and Energy (DMME) and the Virginia Soybean Association (VSA). The goals of this Virginia Clean Cities Project include expansion of public access to biodiesel blends and conversion of government fleets to the cleaner, domestic fuel.

Many thanks are owed to VSA Executive Director Dick Atkinson for his assistance. VSA contributed about \$13,000 of the \$18,000 distributed for fueling infrastructure.

DMME funded the remainder of the refueling equipment assistance and a portfolio of resources to be developed by Clean Cities and project partners over the next year, including technical, educational and informational resources on biodiesel.

Alternative fuel advocates also should thank the recipients of the infrastructure grants, all of whom have invested many times the amount of the grants they received in the effort to use, promote and make widely available alternatives to fossil fuels for transportation.

Here is a summary by recipient and a sample of their biodiesel projects, some of which received no grant assistance:

- City of Charlottesville, tank cleaning to prepare for biodiesel blends
- City of Chesapeake, tank cleaning to prepare for biodiesel blends
- Domestic Fuels & Lubes, biodiesel bulk and blends at eight fleet fueling locations
- Griffin Oil, biodiesel bulk and blends at public retail pump
- James City County, biodiesel blends for fleet
- James River Petroleum, biodiesel blends at two commercial fleet locations
- Papco, biodiesel bulk, blends at public retail pump and commercial fleet pilot
- Phillips Oil & Gas, biodiesel blends public retail pump

## **Virginia's AFV Day Odyssey Event May Be Featured As National Kickoff Event**



**October 12, 2006, 10-5pm in Arlington, VA**

On October 12, 2006, Clean Cities coalitions across the country will hold alternative fuel vehicle (AFV) events to raise public awareness of practical options to reduce petroleum dependence. AFV Day Odyssey, as it is designated, is being managed on a national scale by the National Alternative Fuels Training Consortium at West Virginia University.

Virginia Clean Cities (VaCC) will sponsor an event in Richmond, jointly participate with the US General Services Administration in a vehicle exhibit and program in Arlington and participate in an Odyssey AFV Expo at James Madison University in Harrisonburg. The Richmond, Harrisonburg and Arlington events will

start in the morning, and the program portion of the Arlington event will begin in the afternoon. Several AFVs from each of the other sites will caravan to the Arlington venue, where they will join the GSA exhibit.

This will be a regional enterprise with diverse public and private partners at a highly visible venue near the national capital. It is being considered as the location for the national Odyssey Day kickoff and is expected to attract local and national news coverage.

The Arlington event will feature educational exhibits of alternative fuel and advanced technology vehicles and an awards program to recognize the leadership and accomplishments of clean transportation energy proponents:

- AFVs of many types and fuels will be exhibited by experts who can explain how these vehicles differ from conventional vehicles and their benefits.
- Alternative fuel learning stations throughout the exhibit area will include formal presentations by experts, at designated times, as well as information for take home provided by related organizations.
- Car care clinics will explain energy efficient driving and maintenance tips to high-school children attending from various local and technical schools.
- The awards portion of the program will be held from approximately 2pm to 4pm, hosted by the Chairman of the Arlington County Board (invited).

Virginia Clean Cities is working with the Arlington County Board to secure the Arlington Courthouse Plaza for the exhibits and program.

The leadership of the National Clean Cities Program in the US Department of Energy will be invited to participate and MotorWeek, a weekly national automotive news magazine show based in Owings Mills, MD, will be invited to cover all of the regional Odyssey Day events. Local news media will be invited. If the Arlington site is selected as the National Odyssey Day kick-off event, national news coverage also is likely.

If your organization is interested in attending the Arlington event, setting up a booth display, or joining the alternative fuel vehicle convoy, please contact Chelsea Jenkins at [cjenkins@hrccc.org](mailto:cjenkins@hrccc.org).

## **GRTC and Tidewater AREC Added To List Of Biodiesel Users**



The GRTC began using B20 in all of its buses beginning June 19. Virginia Tech's Tidewater Agricultural Research and Extension Center recently made the decision to switch to B20 as well.

Other users in the state include Arlington County Schools, Gloucester County schools, James Madison University, the City of Harrisonburg and Harrisonburg Public Schools, the University of Virginia, and the City of Charlottesville, the U.S. Air Force, NASA Langley, Valley Proteins, Westmoreland Public Schools, the National Park Service, the US Navy, City of Newport News, Northumberland Public Schools, James City County, Greater Richmond Transit Company, Williamsburg-James City County Public Schools, and others.

## **Presentations from AFV Expo Available for Download**

On July 8, 2006, Clean Cities collaborated with the Tidewater Area Fleet Managers Association to host an AFV Expo. The theme was two-pronged: what are your options, and what options are you likely to see. The first portion briefed those in attendance on the alternative fuels & advanced technology options available. Also included was an overview of fleet tools provided by the DoE Clean Cities program. One of the most valuable tools Clean Cities has created for fleets is the Clean Fleet Guide. Users can perform a vehicle make and/or model search, compare multiple vehicles, and perform a cost analysis. The Clean Fleet tool also has an idle reduction equipment search, a fuel economy improvement page, an HEV Cost Calculator, an FFV Calculator, an EPA Act Compliance Assessment, and an emissions assessment page for estimating the emissions benefits of alternative fuels. A Clean Strategies Section allows you to select a fleet type for

details and strategies for each specific fleet type. Using Clean Cities data, the database will provide tips, strategies, and success stories to help users build their new clean fleet. This information is just a starting point for fleets interested in taking the step to become clean and green. Clean Fleet Guide can be found here: <http://www.eere.energy.gov/fleetguide/>.

The second portion of the event focused on alternatives you are likely to see. Chad Freckmann, Executive Director of Blue Ridge Clean Fuels, provided an excellent overview of biodiesel. Molly Pugh, Executive Director of the Virginia Corn Growers Association, discussed ethanol in the United States. Al Christopher closed with information about Honda's GX, the only dedicated CNG sedan currently on the market.

All presentations are posted to the HRCCC website, and can be accessed here: <http://www.hrccc.org/>

### **Greg Pahl's "Growing a New Energy Economy" available to Clean Cities Stakeholders at a 45% Discount**

Clean Cities worked with Chelsea Green publishing to get a bulk load of "Growing a New Energy Economy" at a 45% discount. If you are interested in purchasing one, please contact Chelsea Jenkins [cjenkins@hrccc.org](mailto:cjenkins@hrccc.org). Copies will also be available at the two biodiesel workshops along with Lyle Estill's book "Biodiesel Power."

### **Domestic Fuels & Lubes, Inc Opens 8 Biodiesel Fleet Fueling Locations**

The 24-hour unattended sites that now carry biodiesel are described below:

- 1) 808 Professional Pl. W, Chesapeake, VA (Greenbrier)
- 2) 100 E. Liberty St., Chesapeake, VA (Liberty St., South Norfolk)
- 3) 400 Freeman Ave., Chesapeake, VA (Freeman Ave)
- 4) 4869 N Witchduck Rd, Va Bch, (Witchduck)
- 5) 600 E Constance Rd., Suffolk
- 6) 2700 Victory Blvd, Portsmouth
- 7) 3455 Azalea Garden Rd, Norfolk

24-fleet card only

- 8) 168 South, Moyock, NC

**NOTE:** These locations are accessible if you have a fleet account (fleet fueling card or Domestic fuel ring) with Domestic.

### **12 new FFVs available in 2007**

*Adapted from a July 31, 2006 NEVC press release:* Twelve new flexible fuel vehicle (FFV) models will soon be available for purchase. DaimlerChrysler, Ford, General Motors, Mercedes Benz and Nissan have announced their model year 2007 E85 compatible vehicles. Along with the continuation of many 2006 models, the automobile manufacturers will offer the following new FFVs in 2007:

DaimlerChrysler:	General Motors:		
4.7 liter Chrysler Aspen	3.9 liter Chevy Express		
4.7 liter Jeep Commander	3.9 liter GMC Savana		
4.7 liter Jeep Grand Cherokee	3.9 liter Chevy Uplander	Mercedes Benz:	Nissan:
4.7 liter Dodge Dakota	3.9 liter Pontiac Montana	2.5 liter C230 sedan	5.6 liter Armada
	3.9 liter Saturn Relay		
	3.9 liter Buick Terraza		

A listing of all thirty-one FFV models can be found at [www.E85Fuel.com](http://www.E85Fuel.com).

## IRS Publication 510 – Guidance

Recently revised IRS Publication 510 provides guidance for fuel taxes and fuel tax credits and refunds, including credits for biodiesel and ethanol producers, blenders and end users, as well as the new CNG excise tax credit.

Visit our website to view the document: <http://www.hrccc.org/resources.html>

## Virginia Energy Plan Energy Advisory Group Meetings and Public Hearings

The Department of Mines, Minerals and Energy has been asked to develop a Virginia Energy Plan to address the state's energy issues over the next 10 years. This was set out in Senate Bill 262 enacted this year.

<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+TOC6700000000200000000000>

The public and various organizations with an interest in Virginia energy matters have been asked to provide input to the Plan through the Virginia Energy Plan Advisory Group and the following series of early evening public hearings:

### September 11

Abingdon

Advisory Group Meeting: 2-5:30 pm

Public Hearing: 630 pm

### September 25

Annandale

Advisory Group Meeting: 2-5:30 pm

Public Hearing: 630 pm

### October 18

Lexington (Virginia Military Institute)

Advisory Group Meeting: 2-5:30 pm

Public Hearing: 630 pm

### November 2

Williamsburg

Advisory Group Meeting: 2-5:30 pm

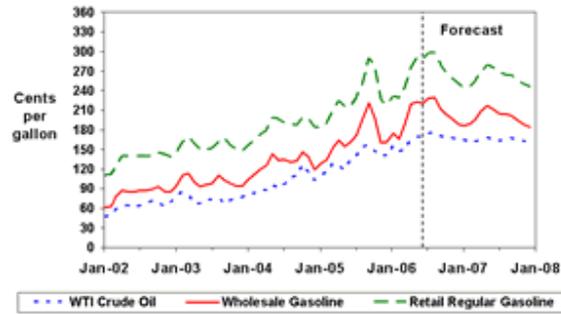
Public Hearing: 630 pm

The URL for the Virginia Energy Plan website is – <http://www.dmme.virginia.gov/VaEnergyPlan>

## EIA Report Predicts Continued High Oil and Gas Prices

The Energy Information Administration (EIA) released their Short-Term Energy Outlook on July 11 with projections of retail regular gasoline prices average around \$2.67 per gallon in 2006 and \$2.60 per gallon in 2007. The cost of gasoline this summer is forecasted to average \$2.88 per gallon, a 51-cent increase from last year. Retail diesel fuel is expected to be \$2.86 per gallon this summer, a 45-cent increase. The agency also predicts that the price for a barrel of West Texas Intermediate crude oil will average \$69 in both 2006 and 2007.

## Gasoline and Crude Oil Prices



Credit: Energy Information Administration

To read more, visit: [http://www.naftc.wvu.edu/NAFTC%20eNews/July%2006/high\\_prices.html](http://www.naftc.wvu.edu/NAFTC%20eNews/July%2006/high_prices.html)

## Future Fuels Conference – November 27-29

The Future Fuels 2006 conference will be held at the Madison hotel in Washington D.C. November 27-29, 2006.

Future Fuels 2006 will examine the true commercial potential of each of these alternatives, bringing together major energy companies, fuel producers, technology developers, automotive manufacturers, policy-makers and financiers to discuss the opportunities and challenges in taking these technologies forward to large-scale, profitable reality.

For more information, including a confirmed listing of speakers and agenda, visit [http://www.e85fuel.com/news/080406/future\\_fuels\\_2006.htm](http://www.e85fuel.com/news/080406/future_fuels_2006.htm).

## TUG Meeting Scheduled For October 24-26, 2006

The next Natural Gas Transit Users Group (TUG) meeting is scheduled for October 24-26, 2006 in Los Angeles. The Los Angeles MTA will be the host. TUG meetings assist communication among transit agencies, and encourage them to share information, identify and solve problems and stay up-to-date on new natural gas transit bus information. The Clean Vehicle Education Foundation (CVEF) partners with the U.S. Department of Energy to administer TUG. Among the highlights of the upcoming meeting are: a two-day CNG Cylinder Inspector Training Course and Certification Testing; a tour of LACMTA's CNG bus facilities; and a tour of SCI's CNG cylinder manufacturing facility. TUG meetings are open to all transit agency representatives using or interested in natural gas transit buses. There is no fee for attending these meetings. If you would like an invitation sent to your local transit agency or if you have questions, contact Hank Seiff at 703/534-6151 or [hseiff@cleanvehicle.org](mailto:hseiff@cleanvehicle.org).

## 2006 NGV Conference-Summit – Register Now

Find more information about NGVAmerica's 2006 National NGV Conference-Summit at the Doubletree Hotel in Ontario, California October 8<sup>th</sup>-9<sup>th</sup> on the NGVAmerica website (<http://www.ngvamerica.org>). The theme is *Seizing Opportunities: Growing Markets. Growing Profits*, and the conference is a great event for NGV stakeholders who want to network, exchange ideas, hear the latest on what's happening and strategize on the next steps to make the most of the current opportunities.

The National NGV Conference-Summit will precede the Southern California Clean Vehicle Technology Expo at the adjacent Ontario Convention Center October 10<sup>th</sup>-11<sup>th</sup>.

For more information about NGVAmerica's Conference-Summit, visit <http://www.ngvamerica.org> or contact Stephe Yborra at 301/829-2520 or [syborra@ngvamerica.org](mailto:syborra@ngvamerica.org). For more information about SCAQMD's Southern California Clean Vehicle Technology Expo, contact Gladstein, Neandross & Associates at 310/314-1934 x-8 or visit [www.cleanvehicleexpo.com](http://www.cleanvehicleexpo.com).

## **Biodiesel Finance & Investment Summit – October 11-13, 2006**

BIODIESEL FINANCE & INVESTMENT SUMMIT  
October 11-13, 2006  
The Millennium Hotel, Minneapolis, MN

The Biodiesel Industry Gathers for the Second Major Deal-Making Event!

Network with the leading biodiesel developers, investors, lenders, EPC contractors and other industry players who are looking to do deals and discover:

- \* What key elements they look for in deals
- \* The type of relationships they seek and the opportunities that exist for partners and investors to get involved in upcoming deals
- \* The unique, new ways in which deals are being structured
- \* The critical factors it will take to get deals successfully done in 2006 and beyond

Featuring Speakers from:

Ag Bio Energy  
Ag Country Farm Credit Service  
Ardour Capital Investments  
Ascendant Partners  
Biodiesel Systems  
Burns McDonnell  
Christianson & Assoc.  
CoBank  
ConAgra  
Delta-T Corporation

e Bio Holdings  
Fagen, Inc.  
Farm Credit Services of America  
First Capital Risk Management  
Hamilton Clark & Co.  
Imperium Renewables  
Investec  
Lurgi PSI  
Marathon Capital  
Natural Fuel & Energy

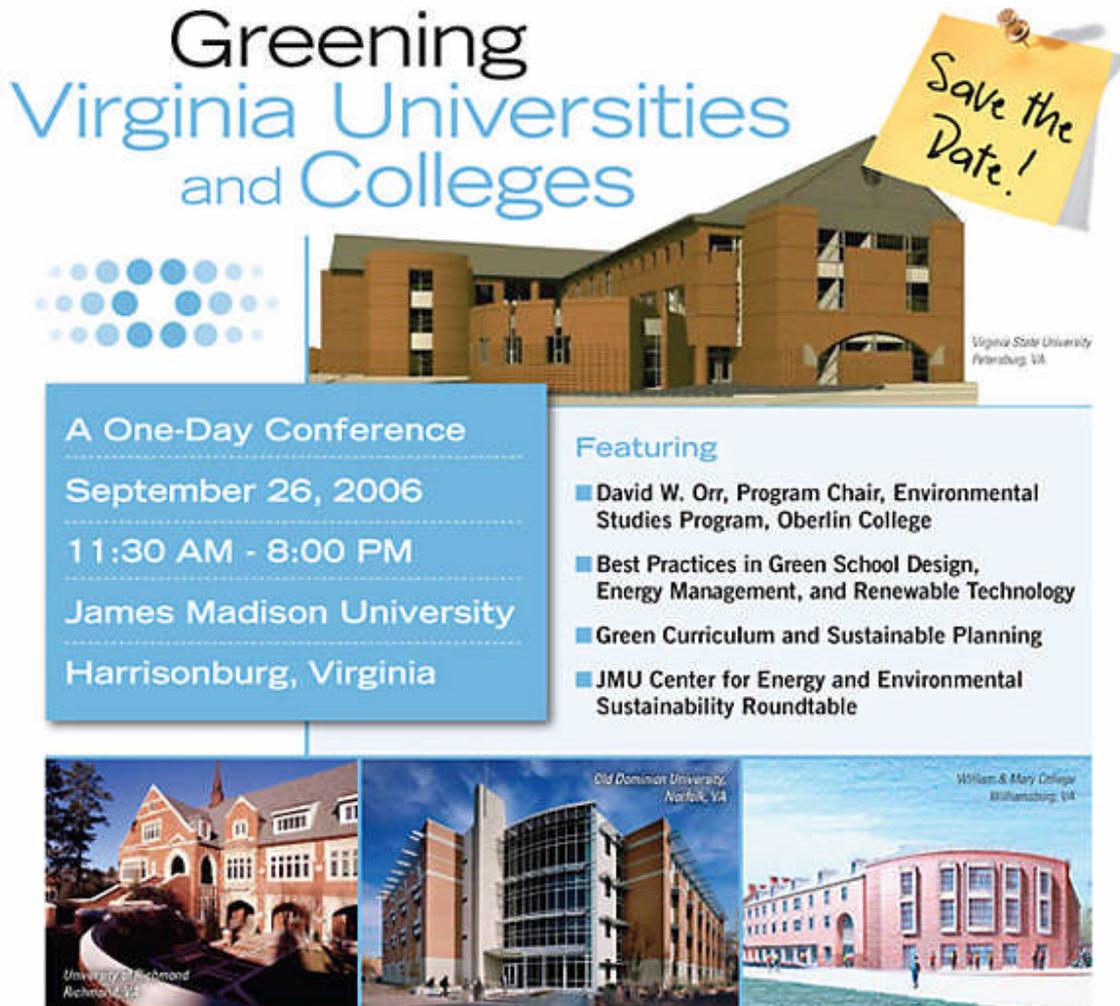
New Energy Capital  
Stearns Bank N.A.  
Tri-State Biodiesel  
Tyson  
US Renewables Group  
West Central Coop  
West LB Securities  
World Energy Alternatives

The Summit also includes the pre-Summit Workshop, The Business Case for Biodiesel, October 11. This day-long workshop will feature an excellent faculty of seasoned industry professionals who will offer a comprehensive tutorial in the Business Case for Biodiesel; from product implementation, plant development and distribution logistics.

TO REGISTER or for more information, please visit <http://www.infocastinc.com/biodiesel.html> or call 818-888-4444.

## Greening Virginia Universities and Colleges – September 26, 2006

James Madison University will host a one-day conference on September 26, 2006 from 11:30 am – 8 pm. Details are below. Visit [www.vsbu.org](http://www.vsbu.org) for registration and sponsorship forms.



The poster features the title 'Greening Virginia Universities and Colleges' in blue text. A yellow sticky note with a pushpin says 'Save the Date!'. The background shows a large brick building, identified as Virginia State University. Below the building is a blue box with conference details and a white box with featured topics. At the bottom are three smaller images of other Virginia universities: University of Richmond, Old Dominion University, and William & Mary College.

# Greening Virginia Universities and Colleges

Save the Date!

Virginia State University  
Petersburg, VA

**A One-Day Conference**  
September 26, 2006  
11:30 AM - 8:00 PM  
James Madison University  
Harrisonburg, Virginia

**Featuring**

- David W. Orr, Program Chair, Environmental Studies Program, Oberlin College
- Best Practices in Green School Design, Energy Management, and Renewable Technology
- Green Curriculum and Sustainable Planning
- JMU Center for Energy and Environmental Sustainability Roundtable

University of Richmond  
Richmond, VA

Old Dominion University,  
Norfolk, VA

William & Mary College  
Williamsburg, VA

## NHA Renewables to Hydrogen Forum – October 4-5, 2006

This forum, the first sponsored by the National Hydrogen Association and its newly-established Renewable Hydrogen Working Group (RHWG), is intended to objectively promote the renewable production of hydrogen by identifying and addressing the issues, challenges, and opportunities associated with related technologies, infrastructures, and economics of each of the renewable resources.

This will be a unique opportunity to build a deeper understanding of both renewable and hydrogen technologies AND engage in the development of strategies and roles for each of the renewable energy forms--Solar, Wind, Biomass, Geothermal, & Hydropower--as a resource for the future hydrogen economy.

To register, visit: <http://www.hydrogenassociation.org/renewablesForum/>