

# Virginia Clean Cities and the Hampton Roads Clean Cities Coalition Status Report

BI-MONTHLY NEWSLETTER JULY AND AUGUST 2007



## Biodiesel Fuel Quality Seminars This Fall

Virginia Clean Cities and the Hampton Roads Clean Cities Coalition won a competitive grant award from the National Biodiesel Foundation to host biodiesel fuel quality seminars to advance education on biodiesel quality issues.

The target audience for these events includes petroleum marketers, fleet managers, federal and state enforcement professionals, and others.

The agenda includes the following topics:

**Biodiesel Preparedness:** This session covers adding biodiesel to your product line, preparing for the transition to biodiesel, fuel sampling techniques, and how to prepare customers for a biodiesel transition.



Filters can clog if glycerin levels are too high in the biodiesel used to blend.

**Fuel Management and Housekeeping:** This session covers basic properties and blending considerations for biodiesel, blending techniques, cold weather considerations, storing biodiesel blends, fuel quality assurance, biodiesel tax credit and funding opportunities.

**ASTM & Quality Control:** It's

not biodiesel unless it meets the ASTM standard. This session explores what the standard means, why it is vitally important to the future of biodiesel, what it means to producers, distributors and users and how quality control programs ensure ASTM standards are met.

*Seminars locations/dates:*

Tues, Sept 18: Poquoson

Wed, Sept 19: Richmond area

Fri, Nov 2: Roanoke (as part of the AECF's Green Living and Energy Expo)

To register for one of the seminars, check our website for details [www.hrccc.org](http://www.hrccc.org), or send an email to [cjenkins@hrccc.org](mailto:cjenkins@hrccc.org).

## Other Items of Interest this Issue

- Defense Supply Center Richmond opens E85 pump
- 2nd Hydrogen Teacher Training Workshop Will Take Place in Norfolk at Nauticus
- National Airport Receives New CNG buses
- E85 Project Update & New E85 Station Locator Brochure
- Commonwealth Energy and Sustainability Conference
- NEWS from other sources
- New Website
- Clean Cities Events Calendar

## Defense Supply Center Richmond now Offers E85

The Defense Supply Center Richmond recently opened an E85 dispenser. The Army Air Force Exchange Service (AAFES) is the operator of the E85 dispenser, which is at the Post Exchange at DSCR. Voyager, credit cards and cash are all acceptable means of payment for E85. The pump is 24/7 accessible, but cash is accepted only from 0900 to 1330 and 1430 to 1700 Monday through Friday. Access to the station is permitted to those with security clearance

to get onto DSCR premises (employees, contractors, guests, Federal, State and local government employees, Military and their dependents). DSCR's core mission is to supply products with a direct application to aviation. These items include a mix of military-unique items supporting over 1,300 major weapons systems and other items readily available in the commercial market.



Photo Source:  
<http://www.dscr.dla.mil>



Teachers racing H-racers at the Richmond hydrogen teacher workshop. H-racers are operated by a miniature solar-powered hydrogen refueling station that converts water to hydrogen using energy captured from the sun.

Photo Credit: Dick Krol.

## October Hydrogen Teacher Training Workshop at Nauticus

The one-day teacher training workshops are designed to support Virginia Science Standards of Learning and provide educators with tools to return to their classrooms to integrate hydrogen into their curriculum. Participating schools receive the H2 Educate curriculum and hands-on kits created by the National Energy Education Development (NEED) Project.

*Virginia's Vision and Strategy for the Hydrogen Economy* (on our

website!) developed by the Virginia Hydrogen Economy Roundtable recommends actions to foster the development of a hydrogen economy in Virginia. Five actions are recommended as priorities to help focus Virginia's continuing efforts to build a hydrogen economy and educating Virginia's workforce was one of the recommendations.

The first workshop was held in Richmond, while the second

will be hosted by Nauticus in Norfolk on October 4, 2007 from 8 am to 3 pm.

Senator Frank Wagner, Senator Nick Rerras, Delegate John Welch, and Councilman Randy Wright are invited to speak at the press event. A GM Hydrogen Fuel Cell vehicle will be available for a ride and drive.

See our site for more details [www.hrccc.org](http://www.hrccc.org).

## National Airport Receives 6 New CNG Transit Buses

As part of a State Energy Program Special Projects grant, Virginia Clean Cities provided funding for National Airport to help purchase the CNG station on Clark Street from Washington Gas and CNG transit buses. National recently received 6 transit buses, and VaCC provided funds for 2 of the 6. The CNG station is

publicly accessible upon approval if you contact National Airport's Kevin Demski (email below) ahead of time to request access. Email to request public access: [Kevin.Demski@MWAA.com](mailto:Kevin.Demski@MWAA.com)

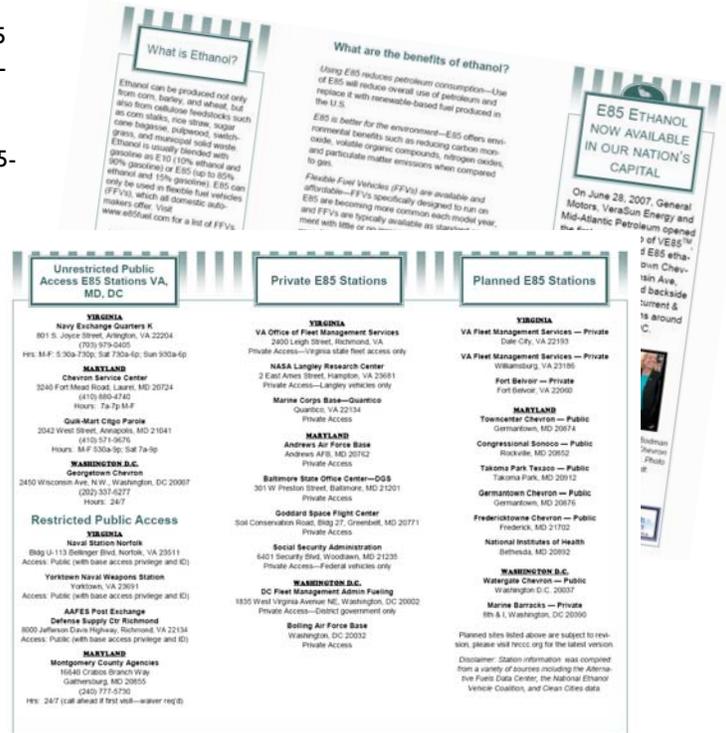


National Airport's CNG Station on Clark St.

# E85 Infrastructure Project Update — Station Locator Brochure Available

The objective of the VA-MD-DC E85 Infrastructure Project is to make E85 publicly available at up to 12 locations in Virginia, Maryland and DC by providing grant funds to station owners to help defray the cost of conversion.

After the infrastructure is available, it's important to educate drivers of E85-capable Flex Fuel Vehicles (FFVs) on where they can purchase E85 so that new locations will be patronized. A brochure was developed with a customizable cover so it can target different audiences. The brochure includes unrestricted public access, restricted public access, private and planned E85 stations, and explains the benefits of using the alternative fuel and makes it clear that E85 can only be used in E85-capable FFVs. The first version will be distributed to GM dealers near the new Georgetown Chevron in DC and GSA fleet managers so they can be placed in FFVs parked at federal facilities near the new DC pump. A different version has been developed for the Virginia fleet of FFFVs. The brochure will be posted on our site: [www.hrccc.org](http://www.hrccc.org).



## The Commonwealth of Virginia Energy & Sustainability Conference Shaping Up

The theme of this year's conference is "Securing Supply, Managing Consumption & Achieving Competitive Advantage."

Breakout sessions include:

### Supply

- Coal & fossil fuel strategies
- Offshore Wind, solar & nuclear

- Biomass to Energy
- Electricity Transmission & Distribution

### Demand

- Commercial Buildings
- Transportation
- Industrial Efficiency & Competitive Advantage

- Residential Homes and Communities

Find more information on the COVES Conference at <http://www.energyvacon.org/> and register before August 31st for the lowest rate.

## NEWS from other sources

### Energy Bill Side-by-Side Prepared by NGVAmerica

NGVAmerica prepared a comparison of the transportation provisions of the Senate- and House-passed energy bills. The spreadsheet comparison can be requested by contacting Jeff Clarke at 202 824-7364 or [jclarke@ngvamerica.org](mailto:jclarke@ngvamerica.org). Source: NGVAmerica Vol 12 Ed 30 Newsletter; [www.ngvc.org/](http://www.ngvc.org/)

### NREL tool will help station owners decide whether to sell E85

NREL is developing a report, *The E85 Retail Business Case*, which will assess the current state of the fueling industry, identify industry challenges, and offer innovative strategies to help station owners compete in the E85 market. Source: Clean Cities Now July 2007 [www.eere.energy.gov/cleancities/ccn/progs/story.php/WHATS\\_NEW/714/0/A](http://www.eere.energy.gov/cleancities/ccn/progs/story.php/WHATS_NEW/714/0/A)

### Biodiesel Mapping Software for Truckers

The National Biodiesel Board and ProMiles® announced the availability of biodiesel locations in ProMiles XF®, the commercial vehicle/truck routing and mileage software for professional drivers and fleets. Now truckers can use their computers to find truck-accessible biodiesel fueling sites. Source: NBB, [www.biodiesel.org/](http://www.biodiesel.org/)



## Virginia Clean Cities Hampton Roads Clean Cities Coalition

*Clean Cities is a government-industry partnership designed to reduce petroleum consumption in the transportation sector by advancing the use of alternative fuels and vehicles, idle reduction technologies, hybrid electric vehicles, fuel blends, and fuel economy. Virginia Clean Cities is one of almost 90 coalition across the U.S. that help meet the objectives of improving air quality, developing regional economic opportunities, and reducing the use of imported petroleum.*

## New Website on the Way!!!

We know, we know — Our website is pretty bad. However, we are in the process of revamping it now. The site should be much easier to navigate and have all of the documents that you keep requesting posted. We will have pages all of our current projects: E85 Infrastructure, Biodiesel Infrastructure and Marquee Fleets, Biodiesel Fuel Quality Seminars, Dragon Run Biodiesel, the Virginia Hydrogen Economy Roundtable, and more!

The site is up and will still have the same address ([www.hrccc.org](http://www.hrccc.org)). However, we will be adding content during the week of August 27, 2007. Some of you have noticed emails bouncing back or a different domain name at the end, which is tied to our switch to a new host. Hopefully these bugs have been worked out. If not, let us know. We appreciate your patience.

We welcome comments or suggestions.



## Calendar of Events

### Green Living & Energy Expo & Biodiesel Fuel Quality Seminar November 2, 2007

Virginia Clean Cities will hold one of its biodiesel fuel quality seminars on Friday morning, November 2 as part of the AECP's 8th annual Green Living and Energy Expo at the Roanoke Civic Center on November 2nd & 3rd. Come and learn about energy conservation and efficiency, renewable energy, green building, sustainability, and much more. There will be exhibits, workshops, and demonstrations. Free admission. Seminar registration online [www.hrccc.org](http://www.hrccc.org) or email us. Expo registration online <http://www.aecp.org/Expo/overview.shtml>

### Energy Day at UVA October 12, 2007

Energy Day at the University of Virginia is

planned for Friday, October 12, 10 AM to 3 PM in Newcomb Hall Ballroom. The goal is to engage the University community in energy conservation and provide information for energy efficiency both at home and at work as well as information about renewable energy and ways to get involved. They are still looking for exhibitors. If you are interested, contact Elizabeth Bowling at [lb5f@virginia.edu](mailto:lb5f@virginia.edu)

### Try Transit Day September 13, 2007

RideFinders, in partnership with GRTC, CBS 6, The City of Richmond Department of Parks, Recreation, and Community Facilities, and local radio stations, will host their third annual "Try Transit Today!" concert event at Kanawha Plaza on Thursday, September 13<sup>th</sup> from 11:30am-1:30pm. Contact Cherika Ruffin for more info at [cruffin@ridefinders.com](mailto:cruffin@ridefinders.com)

### Dragon Run Day October 13, 2007

Dragon Run Day, which celebrates the Dragon Run Watershed's Natural, Cultural, and Historic Heritage will be held at Thousand Trails Campground on October 13, 2007. Admission is free. There will be hands-on exhibits, live animals, nature walks and pond studies. Check our website for further updates.

### Free Three-Part Series Webinar: Light-duty Vehicle Options September 27, 2007

The Alternative Fuel Vehicle Institute will hold a free three-part webinar series called "The Fleet Solution: Light-duty Vehicle Options." Part I features OEM presentations and is scheduled for Thursday, September 27 at 10:30 a.m. PACIFIC TIME. Register here: <http://afvi.org/webinars.html>