Stakeholder Update

Virginia Clean Cities

Clean Cities
U. S. Department of Energy

A Bi-Monthly Newsletter September/October 2011

PLATINUM, DIAMOND, AND GOLD STRATEGIC PARTNERS

Director's Message

In my capacity with state government as Assistant Secretary of Commerce and Trade, and in my last two years with VCC, I have had the great pleasure of working with a talented Clean Cities staff, and range of fantastic supportive stakeholders around the country.

We've all had the privilege of working with Chelsea Jenkins, a force of nature, who transformed Virginia Clean Cities into the organization we see today. While we will retain the framework and institution that Chelsea put together, we recognize that filling her shoes is a difficult proposition. The knowledge and instinct she possesses is unparalleled. It was sobering for us all to hear of her transition, but it opens up new opportunities for us all to grow.

I am grateful to have been selected for this opportunity, but it is stakeholders that really fuel the Coalition. A wide range of interest brings us cleaner domestic fuels, but primarily an interest in increasing the quality of life for Americans through cleaner air and enhanced use of cleaner domestic transportation fuels. I can say that as you are interested in our mission, I share your desire. I am personally driven to achieve the goals of our coalition; my work towards those goals supports my passion, and my passion fuels my work. VCC's stakeholder fleets and businesses can be leaders in the transition to cleaner domestic fuels and opportunity.

I'm committed to working with all partners in our coalition to put out sustained high quality results on projects, build infrastructure and impact, establish good policies, and return a high value both for government investments and for investments from the private sector.

Your partnership keeps this coalition strong, and continues our greatest asset and I know that we can count on you.

I'm excited about this opportunity to continue our momentum, and I look forward to working together to ensure the highest levels of effort as we continue our tenacious push to increase the quality of life for Virginians by being the change in the transportation sector. Thank you for your support, and call on me at any time.

Alleyn Harned

New Alternative Fuels Calculator

The U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) today launched a new Vehicle Cost Calculator and accompanying widget. These online tools are now available on DOE's Alternative Fuels and Advanced Vehicles Data Center (AFDC), currently celebrating its 20th anniversary. The AFDC helps consumers, fleet managers, and local governments find and compare energy-saving vehicles that can reduce their petroleum consumption. By providing a variety of tools, databases, and informational resources on vehicles powered by alternatives to gasoline and diesel, the AFDC helps users buy the efficient vehicles that are right for them.

The latest addition to the Alternative Fuels and Advanced Vehicles Data Center (AFDC) is the Vehicle Cost Calculator, an easy-to-use tool that allows users to compare emissions and lifetime operating costs of specific vehicle models, including conventional cars and trucks, as well as vehicles running on alternative fuels such as electricity, ethanol, natural gas, or biodiesel. With the new calculator, which was developed by DOE's National Renewable Energy Laboratory (NREL), car shoppers, small business owners, and fleet managers can make side-by-side comparisons between thousands of conventional, electric drive, and alternative fuel vehicles from model year 1996 and newer.

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

Technologies and Techniques Workshop

Virginia Clean Cities will be holding a Technologies and Techniques workshop at James Madison University on December 7th, 2011. This workshop will focus on technologies and techniques that are proven and can help fleets lower their fuel consumption and fuel loss. Technologies such as GPS, auxiliary power units, tire pressure monitoring, driver education and monitoring programs, and many more will be discussed. Look for more information about this event in the coming weeks on our website at www.vacleancities.org.

Chelsea Jenkins Inducted to Clean Cities Hall of Fame

The U.S. Department of Energy recently unveiled the Clean Cities Hall of Fame to honor people who have made significant contributions to the program's mission of reducing petroleum use in transportation. Our very own Chelsea Jenkins was elected to the first class!

Chelsea took the helm of Virginia Clean Cities as a staff of one. During her tenure, she grew the coalition in both size and influence, now consisting of six staff members and managing multi-million-dollar transportation projects. Under Chelsea's leadership, Virginia Clean Cities projects spanned the gamut of alternative fuels, from retail E85 stations, to natural gas transit buses, to electric vehicle charging infrastructure.

Chelsea's passion and commitment to the Clean Cities mission won her widespread respect at the statehouse, in the nation's capital, and among her peers. In 2008, Chelsea was elected by her fellow coordinators to co-chair the national Clean Cities Coordinator Council, which she helped strengthen into a vital resource for the program. In 2009, Chelsea received the Clean Cities Coordinator of the Year award. We congratulate Chelsea on this honor and all her accomplishments, and wish her well in her newest endeavor!

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HALL OF FAME

GM To Sell Bi-Fuel Pickup in 2012

General Motors will sell a compressed natural gas bi-fuel commercial pickup truck early in the fourth quarter of 2012.

"Customers want a choice when it comes to fuel because it helps them manage their business costs," said Brian Small, general manager, GM Fleet and Commercial Operations. "We listened and we are going to move fast to bring a bi-fuel CNG product to market to meet our customer's needs."

GM is the only manufacturer currently providing a single-source commercial option with the Chevrolet Express and GMC Savana CNG cargo vans. The addition of a bi-fuel CNG pickup will help satisfy a broader range of needs for commercial customers looking for a one-stop alternative fuel vehicle from the factory. This allows business owners to spend more time focusing on their business instead of the complexities associated with vehicle up-fitting.

The bi-fuel commercial trucks will be covered by GM's three-year, 36,000-mile new vehicle limited warranty, meeting all EPA and California Air Resources Board (CARB) emission certification requirements.

IMPCO Automotive is the Tier-One supplier for integrating the CNG bi-fuel delivery and storage system into the pickups alongside the Express and Savana CNG-dedicated cargo vans at IMPCO Automotive's facility in Union City, IN.

NGV Motori New CNG Certification

NGV Motori USA is pleased to announce that it has received a full EPA certificate for its 2010 E350 Ford 5.4 L engine. This is in addition to the 2008 and 2009 certified kits that are already available in this series For a full list of kits available including Ford, Chevy and Mercedes diesel please contact sales department at sales@ngvus.com. A full listing of NGV engine options is available at www.ngvamerica.org

Richmond CNG Program Seeing Results

The City of Richmond's Department of Public Utilities, with assistance from Virginia Clean Cities, has launched a compressed natural gas (CNG) project as part of the Green Richmond Initiative. The Green Richmond Initiative was launched by the City of Richmond to build on its past efforts and implement new programs to further Mayor Dwight C. Jones' triple bottom line goals of sustainability. One component of the Initiative is the City's commitment toward alternative fueled vehicles for its city fleet. In early 2011, Richmond became the first city in Virginia to build a new compressed natural gas (CNG) fueling station to service its fleet of 25 new refuse collection trucks that run on CNG. This project was made possible through funding from the ARRA National Clean Diesel Campaign that was secured by Virginia Clean Cities.

The CNG program has enabled the city government to switch from an imported fuel with price and supply uncertainties to a domestically produced fuel that is distributed by the Department of Public Utilities under long-term, firm contracts, thus enhancing supply and price stability. The program also utilized creative public-private partnerships to establish a public use CNG facility within the city limits, furthering the economic development potential for CNG in the area and enabling other partners to participate in the program. Another benefit has been a more efficient use of resources and higher quality of life. The project has reduced the number of refuse trucks required from 37 diesel trucks to 25 CNG trucks, reduced fuel costs and lowered emissions. Savings of 23% less greenhouse gas emissions and 50% less NOX than diesel have been reported.

Virginia Clean Cities recently produced a Clean Cities TV video that highlights this project. That video can be seen on our YouTube site at www.youtube.com/user/VirginiaCleanCities. VCC is also creating a case study for this project. For more information about CNG, visit our website at www.vacleancities.org.

VCC and GWCCC Host Virginia Biodiesel Conference at JMU

On Friday, September 9th 2011, Virginia Clean Cities, Greater Washington Clean Cities, and JMU hosted a regional biodiesel conference. Fleets, fuel producers and distributers, policy makers, media, stakeholders, manufacturers, and interested citizens from all around the Commonwealth of Virginia came together at James Madison University to learn about biodiesel, bioheat, bio-based lubricants, biodiesel handling and use, blending and storage, the federal Renewable Fuels Standard, and a variety of other topics.

This event, which attracted nearly 100 participants, was a great success and provided people and organizations in the biodiesel industry an opportunity to network and learn how they can help further the growing market for biofuels and bio-based products in Virginia! We look forward to holding future biodiesel events in the future, and you can find information and presentations relating to biodiesel as well as news about upcoming events at www.vacleancities.org.

New Stakeholders

Clean Energy is the leading provider of natural gas fuel for transportation in North America, Clean Energy is a smart decision for vehicle fleets demanding the most reliable infrastructure connection to CNG and LNG.

TFC Recycling is the leading provider of Responsible Waste Solutions and recycling services at home, work and school in the Mid-Atlantic. TFC is the largest recycling company in Virginia, and one of the first in the United States to offer the most innovative recycling program available, single stream recycling.

NGV Motori offers a turn-key approach to converting gasoline and diesel engines to run on CNG and other clean fuels. NGV converts the existing engine in place for a much lower cost than retrofits.

Williams Mullen With approximately 300 attorneys practicing in over 30 practice areas, Williams Mullen provides comprehensive legal services to regional, national and international clients. Williams Mullen's clients include multinational Fortune 500 companies, private family-owned businesses, nonprofit organizations and government entities.

If you are not a member and would like to consider membership, please visit our membership page at www.vacleancities.org/get-involved/join-us/

Upcoming Events

11/10- Implementing Best Business Practices: Solutions to the 10 Biggest Challenges Facing Fleet Managers, Washington, D.C.

11/14- Implementing Best Business Practices: Solutions to the 10 Biggest Challenges Facing Fleet Managers, Virginia Beach, VA

12/7- Technologies and Techniques Workshop, James Madison University

12/8- Transportation Conference

Contact Us

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Richmond Electric Vehicle Initiative

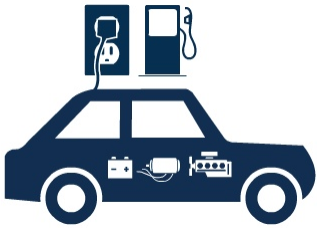
In October 2011, Virginia Clean Cities and the Virginia Department of Mines Minerals and Energy were awarded a major planning grant for electric vehicles through the Clean Cities Community Readiness and Planning for Plug-In Electric Vehicles and Charging Infrastructure grant.

The $430,000 Richmond Electric Vehicle Initiative (REVi) effort will advance the Richmond region as an attractive and sustainable market for electric vehicle technology. The project will lay the educational and policy groundwork for infrastructure installation and electric vehicle adoption in the Richmond region and the Commonwealth at large. A regional electric vehicle strategic plan will be developed and will identify and foster policies to expedite EV infrastructure specific to the Richmond region and prepare the Commonwealth for successful deployment of plug-in electric drive vehicles. Mayor Dwight Jones said of the initiative: "These panning efforts fit into Richmond's triple bottom line goals of sustainability and will help lower greenhouse gas emissions in the city."

REVi has assembled significant partnership with over 50 engaged organizations and synergistic opportunities. Localities engaged in the proposed program include the town of Ashland, the City of Richmond, and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan as well as municipalities within the Crater Planning District.

Hybrid Vehicles Flux Report

With the help of VCC stakeholder Birch Studios, we will be regularly featuring several infographics that tell the story of a particular alternative fuel. The Flux Report is meant to give stakeholders and other interested organizations a quick snapshot of the alternative fuel landscape in Virginia. So far, the Flux Report has featured propane autogas, natural gas vehicles, hydrogen, electric vehicles, and biodiesel. The latest focus is on hybrid vehicles. Hybrid vehicles represent a great opportunity to reduce our dependence on foreign oil and work toward a cleaner environment. We hope you find this and all further Flux Reports helpful and look forward to releasing more in the future! You can view all Flux Reports at www.vacleancities.org.



The Flux Report™