

Stakeholder Newsletter



A Bi-Monthly Newsletter

2013 Volume 1- January

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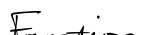
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PLATINUM, DIAMOND, AND GOLD STRATEGIC PARTNERS



First Stage of Nationwide LNG Fueling Network Completed

With the completion of its LNG truck fueling station in Matthews, Missouri last month, Virginia Clean Cities stakeholder Clean Energy) concluded the first stage of America's Natural Gas Highway® (ANGH), a network of liquefied natural gas (LNG) truck fueling stations to support long-haul, heavy-duty goods movement along major interstate corridors throughout the United States. This network includes two new stations in Virginia.

At the end of 2012, Clean Energy will have completed 70 new LNG truck fuel stations along highways that link major U.S. metropolitan areas. Many of these stations are located at existing Pilot-Flying J truck stops. Pilot is the nation's largest truck-stop operator with more than 550 retail properties in 47 states. In 2013, Clean Energy plans to build 70 to 80 additional LNG fuel stations adjacent to long-haul trucking routes and around major warehouse distribution centers in North

America. Major highway segments now completed include, among others, those linking the Southwest Corridor, Los Angeles to Atlanta, The Texas Triangle, Atlanta to Chicago to Texas, and major corridors in the Midwest and Northeast. an iPhone app station locator will be available by the end of the year to complement its web-based locator at <http://www.cnglngstations.com>.



At the ATA Summit, executives from engine and original equipment manufacturers such as Cummins-Westport, Kenworth, Peterbilt, Navistar, Freightliner and

Volvo presented their plans to rollout a variety of Class-8 trucks and engine sizes allowing for varied road and driving requirements. Jim Arthurs, President of Cummins Westport Inc., reiterated the scheduled launch of the much-anticipated ISX 12 G natural gas engine to begin in Spring 2013 with full production and delivery by Fall 2013.

Clean Energy's ANGH stations are in addition to the ongoing CNG station building planned for the company's traditional markets in transit, refuse, airport/taxi/shuttle and local/regional trucking; activity which accounts for 60 station projects in 2012 and is expected to account for approximately the same number in 2013.

Currently priced up to \$1.50 a gallon lower than gasoline or diesel depending on local markets, the use of natural gas fuel reduces operating costs for vehicles and reduces greenhouse gas emissions up to 30% in light-duty vehicles and 23% in medium to heavy-duty vehicles. The U.S. Department of Energy reports that 98% of the natural gas consumed in the U.S. is sourced in the U.S. and Canada, making natural gas a secure North American alternative energy choice.

Clean Energy is the largest provider of natural gas fuel for transportation in North America and a global leader in the expanding natural gas vehicle fueling market. The company has operations in compressed natural gas (CNG) and liquefied natural gas (LNG) vehicle fueling and construction and operation of natural gas fueling stations. For more information, visit www.cleanenergyfuels.com.

Alternative Fuel Policy Update

Clean domestic vehicle fueling remains a supported bipartisan national issue. This is reinforced once again as we start off the new year with some very good news for alternative fuel fleets! The United States Congress advanced a Senate led agreement that included at least six positive provisions for clean domestic fuels and preservation of past tax credits, while making them retroactive for this past calendar year. We should be thankful for our federal leadership, and there is much here that potentially represents positive impacts in Virginia, so we want to share.

The American Taxpayer Relief Act's Title IV section on energy tax extenders houses these provisions. You can see read the language of the legislation at <http://thomas.loc.gov/cgi-bin/query/z?c112:H.R.8>. Below is an outline for the clean fuel energy provisions VCC has identified through an internal review:

Sec. 402: Extension of credit for alternative fuel vehicle refueling property to Dec 31, 2013 – Retroactive to items put in place after Dec 31, 2011. This represents a 30% credit for all alt fuel infrastructure up to \$30,000 per facility for all alternate fuels.

Sec. 412: Extension of alternative fuels excise tax credits to December, 31, 2013 – Adjusts language and makes it retroactive to Dec 31, 2011. this has been specifically \$.50 per GGE for CNG, LNG, and LPG.

Sec. 403: Extension of credit for 2- or 3-wheeled plug-in electric vehicles to Dec 31, 2014 – Retroactive to Dec 31, 2011.

Sec. 404: Extension and modification of cellulosic biofuel producer credit – Adds special rules for algae and several pages of amendments.

Sec. 405: Extension of incentives for biodiesel and renewable diesel to Dec 31, 2013 – Retroactive to Dec 31, 2011.

Sec. 410: Extension and modification of special allowance for cellulosic biofuel plant property to January 1 2014– The adjustments add algae as a 3rd generation biofuel.

As always, VCC is ready and willing to work with our stakeholders on these and other items related to federal, state, and local policy. We hope that this information is helpful to you, and please contact Alleyn Harned at aharned@vacleancities.org with any questions.

Apps for Vehicles Challenge

The Department of Energy recently launched the Apps for Vehicles Challenge. The challenge is looking for the best business plans, app ideas and product designs that use open vehicle data to help vehicle owners save fuel, save money and stay safe.

The scope of the challenge is to make useful and engaging applications that use the OBD-II data from vehicles. Challenge participants are encouraged to use sample data to build apps that are hosted on DOE website. The first phase deadline to submit an idea for an app is January 15th. Winners will be selected from this phase to compete in the final phase, which will involve the actual creation of the app. To learn more, visit the Apps for Vehicles website at <http://energy.gov/developer-resources>.



NREL Launches Petroleum and Emission Reduction Tool

The U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) has launched a new tool and redesigned DOE's Alternative Fuels Data Center website to help fleet managers, municipalities and consumers choose from a wide variety of alternative fuels and energy efficiency strategies for reducing petroleum use, vehicle emissions and operating costs.

The AFDC's new Petroleum Reduction Planning Tool is an interactive web application that allows fleet managers to evaluate the benefits associated with five alternative fuels - propane autogas, natural gas, biodiesel, electricity and ethanol - along with a variety of efficiency measures, such as idle reduction and fuel economy improvements. To use the tool, visit AFDC's website at www.afdc.energy.gov/prep/.

ROUSH CleanTech Launches Redesigned F-250/F-350

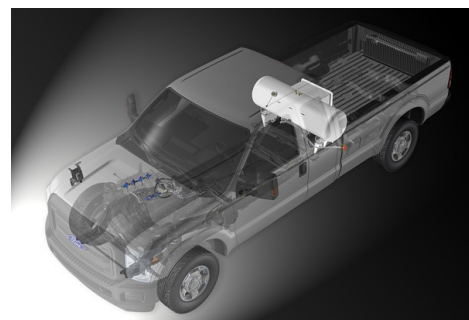
This month, VCC Stakeholder ROUSH CleanTech launched its newly redesigned propane autogas fuel system for the Ford F-250 and Ford F-350 pickup trucks to meet this demand. These vehicles offer the environmental benefits of reduced emissions, while using a domestically produced, economical fuel to decrease our dependence on foreign oil.

Available for 2012 and newer models equipped with the Ford 6.2-liter V8 engine, these F-Series trucks feature an in-bed fuel tank with 38-gallon propane autogas fuel capacity. In this configuration, the tank sits behind the cab in the truck bed, which offers extended range, ease of service, and more reliability through updated internal components. The propane autogas fuel system can be installed on a chassis cab truck with a service body, too.

Along with the new propane fuel system, these trucks offer a new powertrain; more horsepower and torque than the previous generation 5.4-liter V8; and updated interior treatments. Customers get the same warranty coverage they would on a gasoline version.

Launched with Environmental Protection Agency and California Air Resources Board certification, these propane autogas trucks are ready to be sold in all 50 states. Plus, they meet all FMVSS, NHTSA and NFPA-58 guidelines for safety. Early adopters of this next generation of ROUSH CleanTech trucks include the City of Austin, Mammoth Cave National Park, Mesa Public Schools, and a number of propane marketers across the country.

To learn more about these vehicles firsthand, demonstrator units are available for Clean Cities and its stakeholders. Visit <http://www.roushcleantech.com/top/contact> or email propane@roush.com for more information.



Clean Cities Tools: Alternative Fuel Price Report

Virginia Clean Cities would like to connect you to Clean Cities' various online alternative fuel tools that are available. We hope to feature a new tool periodically, and welcome your feedback on existing tools!



U.S. Department of Energy

Do you often find yourself guessing at the cost of alternative fuels? When the available information is often contradictory and unreliable, it becomes quite a task to keep up with price fluctuations and maintain an understanding of the market for each particular fuel. Luckily, Clean Cities coalitions across the country are doing the "dirty work" for you by producing the Clean Cities Alternative Fuel Price Report.

The Alternative Fuel Price Report is a quarterly report designed to keep Clean Cities coalitions and other interested parties up to date on the prices of alternative fuels and conventional fuels in the United States. In order to collect price information for both alternative fuels and conventional fuels from across the country, Clean Cities coalitions, fuel providers, and other key stakeholders are contacted to compile and provide prices for fuels in their area on a voluntary basis. Prices are collected on all major fuels, including conventional fuels, from stations that provide alternative fuels. These prices are compiled, then averaged in order to determine regional price trends by fuel and variability in fuel price within and among regions.

To view the most current Clean Cities Alternative Fuel Price Report, visit the Department of Energy's [Alternative Fuels Data Center](#) website

Energy Independence Summit

The 2013 Energy Independence Summit is your chance to join the nation's premier clean transportation leaders and Clean Cities coordinators to discuss best practices and educate federal policymakers on driving America to a clean transportation future! This is an annual event coordinated by Transportation Energy Partners, an independent, national non-profit policy and education organization that works toward energy independence by creating and implementing a national fuel and technology neutral strategy to advance clean vehicle goals and policies. The summit focuses on education and seeks to facilitate a connection between stakeholders and their elected officials that furthers the cause of alternative fuels and technology. Virginia Clean Cities invites you to join us for this summit in Washington D.C. from April 8-10. For more information, and to register, visit www.transportationenergypartners.org.



New and Renewing Stakeholders



City of Richmond is a leader in alternative fuels adoption in the Commonwealth. The city has actively deployed alternative fuel vehicles, and sits on the board of the GRTC Transit System which has also been a leader. The City has partnered with VCC to promote EVs in the Richmond region.



Fuji Electric Vehicles is a division of Fuji Electric. Fuji Electric's new DC Quick Chargers for Electric Vehicles offers the ability to charge a 25 kWh electric vehicle battery in about 60 minutes.



TFC Recycling is a leader in the collection, processing and marketing of recyclable materials and managing of solid waste in Virginia and North Carolina. TFC is committed to sustainability and currently uses CNG refuse haulers.



Holtzman Corp. serves heating oil needs if residential, agricultural, and commercial costumers. Holtzman is also a full service propane retailer who combines competitive pricing with excellent service.



J.Sargeant Reynolds Community College Virginia's newest community college and serves over 19,500 credit students.



NGT News is the web's destination for business-to-business content addressing the technologies and strategies that are driving innovation in the transportation sector.

If you would like to consider membership, please visit our membership page at

www.vacleancities.org/get-involved/join-us/.

Upcoming Events

- 1/23- Ford Alternative Fuels Showcase, Richmond, VA
- 1/30-31- VCU Energy and Sustainability Conference, Richmond, VA
- 2/5- CNG Working Group Call
- 2/13- Quarterly Stakeholder Luncheon, Richmond, VA
- 3/6-8- Work Truck Show, Indianapolis, IN
- 4/8-10- Energy Independence Summit, Washington, DC
- 6/24-27- ACT Expo, Washington, DC

Contact Us

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Who we are

Virginia Clean Cities is a non-profit organization part of the Department of Energy's National CleanCities Program with continued partnership with James Madison University. Founded in 1996, we are the Commonwealth's collaborative alternative fuel coalition and project managers of fleet clean fuel projects.

What we do

Virginia Clean Cities provides technical assistance to Virginia's 175 alternative fuel stations and the Commonwealth's 80 alternative fuel fleets and foster alternate fuel solution information for a wide range of constituents and stakeholders.

We facilitate alternate fuel transportation sessions for both the Governor's Transportation Conference and VA Energy Conference and support VA biofuel conferences and bioproduct educational efforts.

We manage the regional effort for DOE funded Richmond Electric Vehicle Initiative and the leading drayage truck emissions reduction programs on the east coast – The Virginia Green Operators Program with the Port of Virginia.

Our efforts reach out to millions through our diverse programs and Motorweek segments that are shown on national television. In addition, we continuously collaborate to release the Southeast Fuels Fix, a quarterly publication of the southeast Clean Cities coordinators.

Our growth continues with both continuous social media marketing initiatives and active engagement of supportive stakeholder members and sponsors as we advance bi-monthly Stakeholder Newsletter shared with thousands of stakeholders.

Join us today to grow Virginia's clean transportation future.

Achievements

Lead the largest vehicle conversion program in US history – the Southeast Propane Autogas Development Project.

Diesel engine repowers through Luck Stone Construction Repower project in Richmond

Worked to advance the Commonwealth's efforts to transition state fleet to alternative fuels including CNG and Propane autogas.

Regularly Direct and create educational alternative fuels events with stakeholders in all parts of the Commonwealth.

Get in Touch

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