



Stakeholder Newsletter

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Diamond and Platinum
Level Stakeholders

VCC Celebrates the Opening of Main Street Station EV Chargers



Virginia Clean Cities along with officials from the City of Richmond and Nissan celebrated the opening of 4 electric vehicle chargers at the Main Street Station in Downtown Richmond. This station features two Level 2 Chargers, a Tesla Destination Charger, and a DC Fast Charger.

The DC Fast Charger is the first of its kind in Richmond and can charge a battery to 80 percent capacity in just 30 minutes. This charger has CHAdeMO and SAE connections and was installed with assistance from Dominion Virginia Power. The two Level 2 Chargers provide charging for older vehicles that are not capable of using the DC Fast Charger while the Destination Charger is dedicated to Tesla vehicles.

This event featured speakers from Virginia Clean Cities, the City of Richmond, and Nissan. Michael Phillips of Virginia Clean Cities highlighted the importance of this charging station, noting that DC Fast Chargers are now operational from downtown Staunton to Richmond to the Virginia Beach oceanfront, paving the way for EV drivers to travel from the Shenandoah Valley to Virginia Beach with decreased range anxiety.

The usage fee is \$2.50 per 15 minutes for the DC fast charger while the other chargers can be used for 50 cents per 30 minutes, Phillips said. This DC Fast Charger marks the 21st DCFC to be deployed by Virginia Clean Cities, with 4 more to be deployed in the near future. This station is a flagship charging station for Virginia and should be celebrated as a major milestone towards advancing electric



Celebrate National Drive Electric Week in Richmond



National Drive Electric Week will take place September 12-20, 2015. Drive Electric RVA will kick off the week with an EV round up on September 13th at 2pm at Libbie Mill in Richmond. This event will feature a Nissan Leaf, Tesla Model S, Chevy Volt, and many more! The Hybrid Electric Vehicle Team of Virginia Tech will also be in attendance to discuss their work to transform a Camaro into a hybrid electric vehicle.

Drive Electric RVA will hold a second event on Tuesday, September 15 at 6:00pm with the screening of "Kick Gas" at J. Sargeant Reynolds Community College. An EV Plug-In event will also take place on Thursday September 17th at 5:30pm at the Urban Farmhouse in Church Hill. This event will discuss combining solar power and electric vehicles to offer zero emissions transportation.

Please register for the September 13th event here: <https://driveelectricweek.org/event.php?eventid=325>

Hyundai & Kia to Offer Seven Alternative Fuel Vehicles by 2018



In order to meet the growing need for alternative fuel vehicles, sister brands Hyundai and Kia are planning to roll out seven new alternative fuel vehicles by 2018. This will include four hybrids, two plug-in hybrids and one EV.

Kia currently produces the 2016 Kia Soul EV and it appears that the new all electric vehicle will be a Hyundai only model.

"We will take the lead in the future by raising the competitiveness of our environment-friendly cars," Reuters quoted Hyundai Motor CEO Choong-ho Kim as saying last year at an event in South Korea.

The dedicated hybrids are expected to ride on a modified version of the compact-car platform that underpins the next-generation Hyundai Elantra and Kia Forte and draw power from a direct-injected 1.6-liter gasoline engine paired with an electric motor.

VCC Stakeholder Breakfast in Roanoke

Virginia Clean Cities hosted a quarterly stakeholder event at the Virginia Transportation Museum in Roanoke, VA. This event was aimed at bringing together fleets and alternative fuel leaders from across the Commonwealth of Virginia.

This event featured a presentation by VCC's Executive Director, Alleyn Harned, on the importance of Virginia Clean Cities' mission and goals. Roanoke is home to several propane stations and electric vehicle chargers already and as Virginia continues to add more stations, growth is expected to continue in this area.

If you are interested in becoming a VCC Stakeholder, please visit www.vacleancities.org/about/join-us/ to learn about the various benefits this memberships brings. Thank you to all who attended and continue to support Virginia Clean Cities!



VCC Holds First Workplace Charging Seminar



On August 25th, Virginia Clean Cities put on a seminar in Richmond to discuss electric vehicle charging at the workplace. This event was hosted by Williams Mullen and featured speakers from VCC, Nissan, and Schneider Electric.

This event was the first of its kind and was aimed at providing information for businesses who may be interested in installing electric vehicle chargers.

Cornelius Willingham from Nissan provided information on the value of workplace charging and several studies that have been done by Nissan relating to the topic. Jin Park of Schneider Electric presented on the basics of electric vehicle charger technologies and provided insight on key decisions businesses may face when installing this equipment.

For more information on bringing charging to your workplace, contact Kayla Cook and kmcook@vacleancities.org

Clean Energy to Build CNG Stations for Multiple Transit Agencies



Clean Energy Fuels Corps recently announced that they will be constructing new compressed natural gas stations for Arlington Transit in Arlington County, VA as well as Nassau Inter-County Express in Long Island, KY, and North Kansas City School District. The North Kansas City School District will become the largest school district in the United States to transition its school bus fleet to CNG.

“Despite lower oil prices, Clean Energy continues to add fueling partnerships across all our transportation markets,” said Andrew J. Littlefair, president and CEO of Clean Energy. “No matter if they are with a school district, municipality

or trucking company, managers of large fleets are looking for a cleaner fuel that reliably costs less and does not have volatile price swings. Natural gas continues to meet their needs.”

Clean Energy has been contracted by W.M. Schlosser Co. to build a fast-fill CNG station at a new bus depot being constructed for ART, which will initially deploy 25 new CNG transit buses that are expected to consume 225,000 DGEs of CNG a year. ART has plans to grow the fleet to 75 CNG buses.

EPA Certifies Bi-Fuel Propane Autogas Police Vehicles



Alliance Autogas recently announced that the EPA has certified three police vehicles to operate with bi-fuel propane autogas fueling systems.

The Ford Police Interceptor sedan, Ford P.I. Utility and Dodge Charger from several model years can now operate on the alternative-fuel platform.

“These platforms are being offered with Alliance’s exclusive plug and play technology,” the company says. “This technology allows for consistent OEM quality installs in only a few hours.”

Blossman Services, Inc., the equipment distributor for Alliance Autogas, secured the certifications for these vehicles.

Virginia SAVES Green Community Program

On September 2, 2015, the Governor of Virginia announced the launch of the Virginia SAVES Green Community Program. This is an interest rate subsidy program for large scale energy efficiency, renewable energy, and alternative fuel projects in Virginia for both private borrowers as well as local governments.

The interest rate subsidy is from the utilization of taxable Federal Qualified Energy Conservation Bonds (“QECBs”) and historically the subsidy has averaged 3%. For example, if you finance an energy project at 5%, and access the subsidy, the borrower’s net interest rate is 2%. For local government borrowers which have been able to borrow recently in the 3-4% range, the subsidy potentially affords a net interest rate of below 1%.

To learn more about the program please visit the program website at: vasavesgcp.com. Materials about the program can be downloaded from the “Resources” page at the website.

VCU Converts Buses to Liquid Propane Bi-Fuel

Virginia Commonwealth University Parking and Transportation has converted 70 percent of its RamSafe fleet to operate on liquid propane bi-fuel through a partnership with the Virginia DGS; DMME; Alliance AutoGas and Virginia Clean Cities. The conversion is projected to save the division more than \$20,000 in annual fuel costs.

“VCU is a great setting to support alternate fuel usage,” said Craig Willingham, fleet manager at VCU. In addition to promoting a safer environment and cleaner burning fuels within the vehicle fleet, there are opportunities for cost savings.”

This puts the university one step closer to its goal of reducing its greenhouse gas emissions to 30 percent below business-as-usual emissions by 2025.

“Virginia Clean Cities is proud of VCU’s efforts with these new, clean-fuel vehicles,” said Alleyn Harned, executive director. “These conversions use a cleaner domestic fuel and reduce air pollution while improving Virginia’s energy and economic security.”

Upcoming Events

For a full list of upcoming events, please visit

www.vacleancities.org/events

9/13/15- [National Drive Electric Week EV Round Up](#), Richmond, VA

9/15/15- [Rides & Reels](#), "Kick Gas" Screening, Richmond, VA

9/17/15- [EV Plug In Event](#), Richmond, VA

2/7/16 - [Energy Independence Summit](#), Washington, D.C.

4/7/16 - [2016 Rally at the Raceway](#), Richmond, VA

Thank You to Our New and Renewing Stakeholders!



AAA Mid-Atlantic provides roadside assistance to the Mid-Atlantic while also working to support alternative fuels through the use of CNG service trucks.



City of Charlottesville is committed to the use of gas-electric hybrid vehicles and compressed natural gas vehicles, as well as the exploration of cleaner burning alternative fuels.



City of Chesapeake is on the forefront of alternative fuels deployment in Virginia. Chesapeake serves as a leader in educating other fleets about the benefits of alternative fuels.



City of Roanoke is committed to making clean and green improvements throughout the city. Roanoke uses propane to power several city vehicles and continues to serve as a leader in the alternative fuel sector for local governments.



Clean Energy is more than just fuel. Clean Energy provides complete fueling solutions and is an industry leader that has paved the way in new fueling equipment technologies.



Atlantic Cummins Atlantic is a regional power leader and a corporation of complementary business units that design and service electric power generation systems, engines and related technologies.



Dominion Electric Vehicles distribute task-oriented EVs from manufacturers. Their work trucks, outdoor vehicles, passenger vehicles, and security vehicles can be tailored to meet specific consumer needs.



InterChange Group Inc. is a full service warehousing and logistics company serving the East Coast. With an array of warehousing, logistics, and land development services, InterChange offers complete storage and transport options for your business.



Nissan North America is an automotive manufacturer committed to production and deployment of full-size electric vehicles. The Nissan LEAF is one of the most popular electric vehicles in North America.



PAPCO is a proven leader in innovative fuel solutions. With a diverse portfolio of products and services, PAPCO provides customized, worry-free energy management programs that allow you to focus on your business.



PHILLIPS ENERGY INC.
"Fueling Yesterday, Today and Tomorrow."
phillipsoilandgas.com

Phillips Energy Inc serves as a full energy service provider to commercial and residential customers in the upper Tidewater area of Virginia.



Tidewater Import Car Service Company is an auto service and repair company that also specializes in alternative fuel conversions.

Join Us Today

Virginia Clean Cities counts on a diverse membership base to facilitate our mission. If you are considering becoming a stakeholder, please visit our membership page at:

www.vacleancities.org/about/join-us.

You can also follow VCC on Twitter at [@VACleanCities](https://twitter.com/VACleanCities) or www.facebook.com/virginiacleancities