Pittsburgh Region Clean Cities Gazette

"Driving the way toward energy independence"

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this issue

PRCC 4th Annual Odyssey Day

On October 11th Pittsburgh Region Clean Cities held its fourth annual Odyssey Day at the Community College of Allegheny County – West Hills Center. This year's event included over 30 vendors and almost 40 alternative fueled vehicles. This year's theme was *Pennsylvania "Re" fueling American for the Next 100 Years*. Attendees were treated to donuts and coffee (sponsored by FYDA Energy Solutions) once they registered.

Senator Tim Solobay (46th District) spoke in the morning about the importance of alternative fuels (especially natural gas) and read a letter from Governor Corbett. Barbara Brentano from Gladstein, Neandross, and Associates, talked about how 100 years ago this year, the first drive-in gasoline station was founded on Baum Boulevard and that we currently had a similar opportunity to lead the nation in a new kind of refueling (natural gas) for the next 100 years.

The event included four breakout sessions in the morning and four in the afternoon on subjects like New Vehicles, Fueling Infrastructure, Vehicle Conversions, Public and Private Transportation, Funding, Fleet Strategies, and Heavy Duty Vehicles and Regulations.

Lunch was provided (sponsored by ProGas and the Pennsylvania Propane Gas Association) to attendees, and during lunch there was a demonstration of a cutaway Hybrid Prius provided by the National Alternative Fuels Training Consortium (NAFTC) and also a chance (continued next page)

Odyssey Day (cont.)

to participate in Ride-N-Drives, which included an all Electric Tesla and electric bikes. Ice cream was provided as an afternoon snack (sponsored by the Pennsylvania Independent Oil and Gas Association).

At the end of the event all attendees who were still present were eligible to participate in a prize drawing. The winners received Visa cards and Get Go cards (with prizes sponsored by Oring Fueling Systems, Zoresco, American Power Group, and Dollar Bank).

PRCC Odyssey Day Links

To see videos and articles about PRCC Odyssey Day click on the links below:

- Post-Gazette
- CBS - Pittsburgh
- Shale Media Group
- TheMarcellusShale.com

CCAC Automotive Instructor Bob Koch and Allegheny County Executive Rich Fitzgerald on Odyssey Day

Tejas Gosia Shale Hotels Announces New CNG Station

Buckeye Partners Opens Blending Plant

On October 29, 2013, Buckeye Partners opened a new bio-diesel blending plant at 3200 University Avenue in Moon Township, PA just west of town Coraopolis. Guests were greeted by Bob Olson, Plant Manager. T J Zeth Buckeye Project Manager explained the project was part of Department of Energy Grant that was award to the National Bio-diesel Foundation.

Also speaking was Jeffrey Schaffer, Economical Development Representative for Congressman Doyle, Rick Price, Executive Director of Pittsburgh Region Clean Cities, Michelle Kreutzer , Vice President of Business and Operations for Pittsburgh Airport Area Chamber of Commerce, and Jon Ewing, Engineer of Optimus Technologies.

All attendees were treated to a tour of the new blending plant.

BUCKEYE PARTNERS, L.P.

ACT 13 Phase II Grant Opens

The PA Department of Environmental Protection opened the second round of Act 13 Natural Gas Vehicle grants on Saturday, Nov. 9, providing an estimated $11 million to help pay for the incremental purchase and conversion costs of heavy-duty natural gas fleet vehicles weighing more than 14,000 pounds. The Act 13 Natural Gas Vehicle grants are financed by impact fees paid by natural gas operators.

Fifty percent of this funding is allocated exclusively for local transportation organizations, including nonprofit agencies, providing public transportation services and public transportation, port and redevelopment authorities, as well as school bus projects.

Others eligible to apply include incorporated nonprofit organizations, for-profit companies, state-owned or state-related universities, Commonwealth or municipal authorities, and the Pennsylvania Turnpike Commission.

Grant requests can be no more than 50 percent of the incremental purchase or retrofit cost per vehicle, with a maximum of $25,000 per vehicle. Applications are due by 4 p.m., Friday, Jan. 10, 2014, and will be awarded in the spring.

To register for the webinar, or learn more about the Act 13 and AFIG grant programs, visit www.dep.state.pa.us and click on the "Natural Gas Vehicle Grant Program" button.

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Member Spotlight: Laura Mundell

Laura Mundell is a Development Specialist at the Southwestern Pennsylvania Commission (SPC), which is the official Metropolitan Planning Organization (MPO) for the Pittsburgh region. SPC directs the use of all state and federal transportation and economic development funds allocated to the region—approximately $33 billion through 2030.

Ms. Mundell's experience with regional economic development includes serving as Director of Community and Economic Development, Centralina Council of Governments, in Charlotte, NC, and Director of Economic Programs at the Institute for Local Government Administration and Regional Development at Ohio University, among other positions.

Ms. Mundell attended the University of Salzburg, Austria, received a bachelor of arts degree from The Ohio State University, and graduated with a master's degree in City and Regional Planning from The Ohio State University. She has served on numerous advisory boards for nonprofit organizations and is on the Board of Directors for Pittsburgh Region Clean Cities.

DEP to Hold NGV Grant Workshops

The Department of Environmental Protection will hold three natural gas vehicle grant workshops in Western Pennsylvania to help educate eligible applicants on the Act 13 NGV grant program process. The workshops will review program requirements and provide a live demonstration of the online application. DEP Staff members will offer personalized assistance to applicants to help make sure their projects and applications will satisfy requirements.

The schedule of workshops include:

Friday, Dec. 6 in Butler County – 10 a.m.-12 p.m., at the Cranberry Township Municipal Center (Council Chambers), 2525 Rochester Rd., Cranberry Township, PA 16066

Tuesday, Dec. 10 in Jefferson County – 10 a.m.-12 p.m., at the CNG Education Center, 228 Allegheny Blvd., Brookville, PA 15825

Thursday, Dec. 12 in Erie County – 10:30 a.m.-12:30 p.m., at the Tom Ridge Environmental Center, 301 Peninsula Drive, Erie, PA 16505

The workshops are free, and eligible applicants are encouraged to apply. Since limited space is available, two representatives from an organization may attend the workshops.

Please register early to ensure your seat by emailing Teresa Willey at twilley@pa.gov (please include attendee name(s), the organization and the date/location you prefer), or call Ms. Willey at 814-332-6350.

Please contact Geoff Bristow of DEP's Office of Pollution Prevention and Energy Assistance at 814-332-6681 or gbristow@pa.gov for additional workshop information and an agenda.

State Announces 33 Winners for AFIG

The Corbett Administration announced the Alternative Fuel Incentive Grant winners, who together were awarded approximately $33 million. 33 companies, counties, and organizations were the recipients of the grant awards. This grant helps organizations transition their fleets to compressed natural gas, liquefied natural gas, and propane for light-weight to medium-sized vehicles. The overall goal of the grant program is to help the Commonwealth move toward energy independence and improve air quality. The grants awarded will help provide funding for the conversion or purchase of 351 natural gas vehicles and 337 propane vehicles that weigh less than 14,000 pounds. About 15 new fueling stations and 30 existing stations will be supported by these vehicles. "Many of these winners are members and stakeholders of PRCC," stated Executive Director Rick Price.

To read full listing go to following link.

Tri-state Alternative Fueling Expo & Conference

The first-ever Tri-State Alternative Fueling Expo & Conference will be held February 18th, 19th, and 20th, 2014 at the Monroeville Convention Center, Monroeville, PA. This groundbreaking event will tie together two vital industries: the natural gas industry with the growing alternative fuels trade.

As oil prices remain at all time highs, our region is situated in a crucial position: the heart of the Marcellus Shale Play. New technologies enable us to tap even more of the vast reserves of natural resources found in the United States and also find new and innovative ways to utilize the various byproducts of the industry such as natural gas, liquid propane gas, and others. The tri-state region in particular is presented with the incredible opportunity of revolutionizing how Americans fuel their vehicles and utilize other forms of energy. By properly utilizing local natural resources, our citizens can lead the way in breaking free of America's dependence on foreign energy sources.

The Conference will kick off the evening of Tuesday, February 18th at 4:00 pm with a private media event and a job fair to give job-seekers access to interested exhibitors prior to the expo. After that, both Wednesday and Thursday will be full days for the expo, with conference events scheduled for the mornings and afternoons. On Wednesday evening, there will be a networking social for exhibitors hosted by the Monroeville Holiday Inn.

Conference attendees can expect a host of prominent speakers providing educational lectures on the various types and benefits of alternative fuels, with a keynote address by Speaker of the PA House of Representatives, Sam Smith, on Thursday at 10:00 am. There will also be two – one each day - Petroleum Reduction Workshops, taught by Pittsburgh Region Clean Cities. Please continue to check back at www.alternativefuelingexpo.com for updated content and speaking schedules.

With sponsors and supporting organizations such as PIOGA, ANGA, and Pittsburgh Region Clean Cities, attendees can look forward to only the best and most up-to-date information in the conference educational series. In addition, industry leaders such as ProGas, Fyda Energy Solutions, and "O" Ring CNG Fuel Systems will have static displays and live demonstrations on alternative fuel technologies. Attendees can see a full-scale CNG station on display, take a test drive in an alternative fuel vehicle, and get all their questions answered by the industry experts. Shale Media Group will even have a CNG-powered DeLorean on display (think Christopher Lloyd from Back to the Future) proving that almost any vehicle can run on CNG!

Visit www.alternativefuelingexpo.com today to learn more. To learn about sponsorship opportunities, purchase exhibitor space, or to register for the conference please call 1-800-747-5599. Together we can take control of America's energy future - today!

See Yellow. Think Green!

Contributed by Blue Bird Bus Sales of Pittsburgh, Inc.

Blue Bird Bus Sales of Pittsburgh, Inc. has been supplying School Districts in Western Pennsylvania and West Virginia with the "World's Finest School Bus" since 1972; and now they supply one of the "GREENEST"!

According to Alternative Fuels Specialist, Josh Wasielczyk, "It is important for us to offer an affordable, sustainable, and viable alternative to diesel. We have been working with local School Districts and private school bus contractors to strategically place Liquid Propane (LP) school buses into their fleets." Mark D. Schmitt, President and Owner of Blue Bird Bus Sales of Pittsburgh, Inc. is committed to the project and strongly believes in reducing foreign oil consumption while increasing domestically produced propane fuel usage.

In 2006, Blue Bird and Roush started to develop the Next Generation Propane-Powered Vision School Bus. In 2012, the first unit rolled off of the assembly line and in less than two years, more than 3,000 units have been delivered across The United States.

Liquid Propane (LP) or Propane Autogas has an octane rating of 105. It is non-toxic and insoluble in water, and when it is released it does not spill, pool, or leave a residue. When burned it produces 24% fewer Green House Gases; 20% less Nitrogen Oxide; and 60% less Carbon Monoxide than gasoline. Over 91% of the world's supply of propane coming from the United States, of that, 70% comes from Natural Gas production.

The Propane-Powered Vision school bus boasts a 362hp and 457 ft/lbs of torque Ford 6.8L V-10 engine. Delivering the Propane Autogas into the engine is the responsibility of Roush CleanTech. Throughout all of the Research and Development, Roush has perfected a direct liquid injection system (compared to the vapor systems of the past) resulting in lower intake valve temperatures, a more dense air to fuel charge, resulting in more complete combustion, and better cold starts guaranteed to -44 degrees Fahrenheit. The fuel tank on the Vision is 20 times more puncture resistant than conventional fuel tanks, resulting in the Vision exceeding ALL Federal Motor Vehicle Safety Standards (FMVSS) for fuel system integrity.

With diesel prices steadily rising, and School District budgets becoming tighter, it makes perfect sense to look to Propane Autogas as an alternative fuel. It's price is currently between 1.30-$1.80/gallon, saving School Districts over $2.00/gallon when compared to diesel. When you factor in the tax incentives of up to 50 cents/gallon the savings are even higher!

What about infrastructure?? Liquid Propane (LP) can be put onsite for little to no expense (Blue Bird Bus Sales of Pittsburgh, Inc. will work with your LP supplier to ensure that your fleet will seamlessly transitions into a 100% GREEN fleet)! The tank and pump require only about as much space as a standard parking lot spot! Refueling is just like fueling with gasoline or diesel, with one exception - it is a sealed connection, meaning no more fuel spills which are a significant source of ground water pollution. (continued next page)

See Yellow. Think Green! (cont.)

Currently, transportation is a School Districts second largest expense (the first largest being payroll). Blue Bird Bus Sales of Pittsburgh, Inc. is helping area tax payers reduce the total amount of foreign oil consumed, saving School Districts on average, $4,400.00/year per LP school bus integrated into their fleet allowing more tax money to be used for education and less on fuel. Blue Bird Bus Sales of Pittsburgh, Inc. is passionate about leaving a cleaner, greener, tomorrow for children riding a school bus to and from school each day!

CCAC to Provide Alt. Fuels Training

Pittsburgh Region Clean Cities (PRCC) and the Community College of Allegheny County-West Hills Center (CCAC) have an agreement to teach alternative fuel classes. We are trying to educate as many people as we can about alternative fuels and alternative technologies. That's why about 3 years ago PRCC contacted CCAC about becoming the first alternative fuel training center in the state.

"PRCC's members and stakeholders had been requesting local training. We now work with CCAC and the National Alternative Fuels Training Consortium (NAFTC) to provide the training materials and classes needed to move alternative fueled vehicles forward," states Rick Price, Executive Director of Pittsburgh Region Clean Cities. "We have a number of classes already scheduled for the remainder of this year and into the spring of next year. We also plan on presenting some of these classes in other parts of Western Pennsylvania."

"We also plan on having a First Responder class this coming year," said Price. "In fact, we are presently donating a kit to CCAC to up-fit a vehicle to CNG as a training aid. We have already donated an Level II EV Charging Station and a CNG Phil Refueling unit to the College."

Remember Sustainable Members of PRCC are eligible for scholarships as part of their membership dues.

For information about alternative fuel classes go to the following **link**.

Light Duty Natural Gas Vehicles – 8:30am to 4:30pm December 16th and 17th at Oring Training Facility Brookville, PA; Day Classes on April 1st and 2nd from 8:30am to 4:30pm and Evening Classes on April 2nd, 3rd, 9th and 10th from 6:30pm to 10:30pm at CCAC-West Hills Center.

CNG Fuel Inspector Prep Class – Day Classes on January 29th and 30th from 8:30am to 5:00pm and Evening Classes from 6:30pm to 10:30pm on March 18, 20, 25 and 27

Introduction to Hybrid Electric Vehicles – Day Classes from 8:30am to 4:30pm on April 22nd and 23rd and and Evening Classes from 6:30pm to 10:30pm on February 18,20,25 and 27 at CCAC West Hills Center.

Servicing Hybrid Electric Vehicles – Day Classes from 8:30am to 4:30pm on April 29th and 30th and Evening Classes from 6:30pm to 10:30pm on March 11,13,18,and 20 at CCAC West Hills Center.

Lower Fleet Carbon Footprint With APG

Contributed by Penn Power Group

Penn Power Group provides our customers with dual fuel conversion services utilizing American Power Group (APG) technology for both CNG and LNG applications.

As an industry provider of clean air and energy solutions, Penn Power Group and its family of companies currently offer some of the world's most advanced technology. We provide renewable power generation and energy solutions through GE Jenbacher gaseous fuel technology, hybrid transport refrigeration systems from Carrier Transicold, emissions reduction equipment from Donaldson and Allison hybrid transmissions for on highway applications.

The Science of Combustion

Amercian Power Group has developed a non- invasive system that can deliver a blend of gas and diesel fuels to conventional diesel engines used to power primary electric generation sets, backup power systems or commercial vehicles. The system has proven its reliability with hundreds of customers from across the United States, as well as around the globe.

Where Reliability Meets Efficiency

The unique American Power Group dual fuel solution is a retrofit technology that works with conventional diesel engines. Simply put, dual fuel technology gives users the power of choice. On- site power generators or vehicles can operate on a combination of diesel and natural gas or, when desired, 100% diesel fuel. Seamless switching between fuel sources is conducive to continuous performance, without hesitation. This unique technology requires no engine modifications, unlike the high-pressure systems provided by other suppliers. Diesel engines continue to operate as reliably and durably as ever, but with the added flexibility of a dual source fuel supply.

The Dual Fuel Difference

The APG dual fuel system provides a wide range of appealing benefits such as:

- Reduced Emissions - significantly decreases nitrogen oxide and fine particulate emissions.
- Improved Economics - cut operating costs by utilizing natural gas to supplement diesel.
- Enhanced Engine Operating Life – clean running dual fuel reduces diesel engine operating costs and components last longer, minimizing service and spare part needs.

Lean, clean and green

As worldwide energy consumption grows at an exponential rate, so does the cry for more efficient and environmentally responsible solutions. APG's cleaner running dual fuel systems deliver on both those points. This hybrid system utilizes a high proportion of natural gas so engines run cleaner inside and out. They operate more economically, while reducing emission levels.

Penn Power Group® has made a significant investment to demonstrate the APG technology to our customers. Available for actual customer use is our 2014 Freightliner® CoronadoTM Daycab Glider which is equipped with:

- Fuel Efficient Rebuilt Detroit Diesel Series 60 Engine
- APG V5000 Installed Equipment
- 209" Wheelbase
- 12,000# Front Axle
- Eaton S404 3.90 Ratio Tandem Rears
- Eaton RTO15210C 10 Speed Transmission

Lower Fleet Carbon Footprint (cont.)

- Holland FWS1 ILS 24 Air Slide 5th Wheel
- 80 Gallon Aluminum Diesel Fuel Tank
- CNG Type 4 43DGE Tank
- Cab Wind Deflectors
- Aluminum Weight Saving Wheels
- Michelin Green Series Low Rolling Resistance Tires
- Davco® 382 Fuel Processor
- 17,200 Btu/h Webasto® Coolant Heater w/SmarTempTM Control

Learning What Choices You Have

Dave Hill, Penn Power Group's Director of Natural Gas Engines has been demonstrating the APG technology at both customer locations and regional shows. "What we are trying to achieve is educating customers on the choices available. With the cost of a single dedicated CNG vehicle in the $150 to $180 thousand dollar range, you can upgrade five of your existing vehicles with the APG dual fuel technology. Currently, 448 engine families have EPA approval and available for almost every popular engine configuration plus more are currently in the certification process. This ideally makes the APG V5000 system suitable for small or large fleets, delivery, refuse or even government/municipal vehicles," Mr. Hill reported.

APG System Features:

- 15-30% Net Saving
- 50% Average Diesel Displacement
- Non-Invasive Upgrade
- 400-800 Mile Dual Fuel Range
- No Reduction In Horsepower
- No Reduction In Torque
- 448+ EPA Approved Engine Families
- CNG or LNG
- Normal Maintenance
- Transition To 100% Diesel At Anytime
- Nationwide WheelTime® Service Network

For more information on APG Dual Fuel Convesions or to request a demonstration, please contact:

Dave Hills, Director of Natural Gas Engines, Penn Power Group (T): 724.316.3131 (E): dhill@penndda.com or visit us at www.penncvs.com

PENN POWER GROUP®

PRCC Question of the Month

Question of the Month: *What are the key terms to know when discussing natural gas vehicles (NGVs) and their fueling infrastructure?*

Answer: As with all alternative fuels, it is important to know how to "talk the talk" when it comes to natural gas. Becoming familiar with the terms below will help you better understand NGVs and the associated fueling infrastructure, so that you can ask the right questions and make informed decisions:

Fuel Types

- **Compressed Natural Gas (CNG):** CNG is a gaseous fuel stored in a cylinder on the vehicle at a high pressure (see "psi" below). It may be kept in the vehicle cylinder for long periods of time without venting. A CNG vehicle gets about the same fuel economy as a conventional gasoline vehicle on a gasoline gallon equivalent basis (see "GGE" below). CNG is used in light-, medium-, and heavy-duty vehicle applications.
- **Liquefied Natural Gas (LNG):** LNG is produced by super-cooling natural gas to negative 260°F in order to convert it to a liquid. The fuel is stored in a double-walled, vacuum-sealed pressure vessel. LNG is appropriate for trucks and other heavy-duty applications that require a long range because liquid is more dense than gas (CNG) and more energy can be stored by volume in the vehicle's tank. LNG stored in a vehicle will increase in temperature and pressure over time and vent; therefore, LNG should be used within a week or two of fueling.
- **Renewable Natural Gas (RNG):** Also known as biogas or biomethane, this emerging fuel source is derived from decaying organic materials, such as waste from plants, landfills, wastewater, and livestock. After purification, RNG may be compressed or liquefied to fuel vehicles.

Vehicle Types

- **Natural Gas Vehicle (NGV):** There are three different types of NGVs available
- **Dedicated Vehicle:** Dedicated vehicles are designed to run only on natural gas and are used in both light-duty and heavy-duty applications. In general, dedicated NGVs demonstrate better performance and have lower emissions than bi-fuel vehicles (see below).
- **Bi-fuel Vehicle:** These vehicles are able to run on either natural gas or gasoline because they have two separate fueling systems. Bi-fuel vehicles are typically light-duty models.
- **Dual-fuel Vehicle:** These vehicles are traditionally used in heavy-duty applications and have fuel systems that run on natural gas, but use diesel fuel as the source of ignition.

Fuel Measurement and Characteristics

CNG and LNG may be measured in:

- **Gasoline Gallon Equivalents (GGE):** A unit of measure that represents the quantity of fuel that contains the same amount of energy as one gallon of gasoline. Measuring fuel in GGEs is a good way of comparing natural gas to gasoline, particularly when looking at fuel price or range. A GGE is equal to about 5.66 pounds of CNG and 1.55 gallons of LNG.*
- **Diesel Gallon Equivalent (DGE):** A unit of measure that represents the quantity of fuel that contains the same amount of energy as one gallon of diesel. A DGE is equal to about 6.34 pounds of CNG and 1.72 gallons of LNG.*

PRCC Question of the Month (cont.)

CNG is also measured in:

- **Cubic feet (ft3):** CNG is a gas, so it may be measured by volume. MCF represents 1,000 cubic feet.
- **Pounds (lbs.):** CNG may also be measured in mass. Approximately 21 cubic feet of CNG equals one pound.

LNG is also measured in gallons, much like gasoline or diesel.

- **Pounds per Square Inch (psi):** Psi is a measurement of the CNG pressure when it is delivered through the dispenser to a vehicle cylinder. CNG is typically stored onboard a vehicle at a pressure of 3,000 to 3,600 psi. The vehicle psi rating is important because it indicates the psi that the fuel system, vehicle cylinder, and the safety hardware are capable of handling safely.

Station Components

CNG stations have the following components:

- **Compressor:** The device used to compress natural gas to a high pressure.
- **Storage Tank:** Once the gas is compressed, the CNG is moved to storage vessel(s) or tank(s) specially designed for the fuel.
- **Temperature Compensation:** The temperature of CNG is important because it affects the density and energy per unit volume of the fuel. At higher temperatures, CNG expands and becomes less dense, causing it to contain less energy per unit volume as it would at a lower temperature.
- **Dispenser:** The device used to transfer CNG into a vehicle's tank. A typical CNG dispenser displays the pressure and temperature at which the tank is being filled and calculates the amount of fuel being delivered.

LNG stations also have storage tanks and dispensers, but do not require a compressor or temperature compensation devices.

CNG Infrastructure Types

The following are two different types of CNG infrastructure:

- **Fast-fill:** Drivers fueling their vehicles at a fast-fill station can fill up in approximately the same amount of time as a conventional vehicle at a gasoline or diesel station. This set-up is best suited for retail stations, where vehicles arrive in need of a quick fill, and CNG can be dispensed alongside gasoline or other fuel dispensers. Fast-fill stations receive low-pressure natural gas from the local utility line and employ a compressor on site. Once compressed, the CNG is stored at high pressures so it can be delivered quickly to a vehicle. As such, fast-fill stations may have smaller compressors but a larger storage capacity than time-fill stations.
- **Time-fill:** At a time-fill station, a vehicle may take several minutes to many hours to fill up; the time depends on the number of vehicles fueling, compressor size, and storage. Time-fill stations are typically used for fleets with central refueling locations or private stations that allow vehicles to fill up overnight. Time-fill stations can also work for smaller applications, such as residential fueling infrastructure. The natural gas is also drawn from a local utility line into a compressor on site. Time-fill stations may have larger compressors and the vehicles are generally filled directly from the compressor. Time-fill stations have an advantage over fast-fill stations in that their heat of recompression is less so that vehicles at these stations usually get a fuller tank of fuel than with fast-fill.

PRCC Sustaining Members

Membership

Pittsburgh Region Clean Cities is always looking for new members! Our job is to help you understand the value and importance of converting to alternative fuels. We can tell you about the incentives available to you for using alternative fuels. We can help guide you through making smart financial and environmental choices about purchasing an alternative fueled vehicle or using an alternative fuel. Become a member, and we can help you assess your fleet and objectives, as well as work with you to acquire funding assistance. If you would like to join and/or volunteer, please contact Rick Price at coordinator@pgh-cleancities.org

Contribute Your News!

We want to showcase your news and successes, and we welcome ideas for articles. Please feel free to contact Rick Price, Executive Director/ Coordinator, at 412-735-4114 or at coordinator@pgh-cleancities.org

Upcoming Events

- DEP NGV Grant Workshops—Dec. 6,10,12
- Tri-state Alternative Fueling Expo & Conference—Feb. 18,19,20
- CCAC Training - See page 7 for details

Rick Price
Executive Director/Coordinator

1436 Royal Park Blvd.
South Park, PA 15129
(412) 735-4114
coordinator@pgh-cleancities.org
www.pgh-cleancities.org