

Greater Philadelphia Clean Cities Program

Sustaining Members

PECO Energy
Philadelphia Gas Works
Delaware Valley Regional
Planning Commission
AMERIGreen
Greater Philadelphia Chamber of
Commerce
Zarwin-Baum-Devito
Kaplan-Schaer-Toddy-P.C.
Attorneys At Law
Sunoco

Gold Level Partners

American Alternative Fuel
ARI
Automotive Resources International
Clean Energy
Lehigh Gas

Silver Level Partners

Chesapeake Energy
Northville
Philly Car Share
ROUSH Cleantech
Smith Electric Vehicles
UPS
VNG.co

College and University Support

West Chester University

Municipal Partners

Lower Merion School District

Government Partners

Pennsylvania Department of
Environmental Protection

U.S. Department of Energy

Bill Fleming,
GPCCP Chair

Tony Bandiero,
GPCCP Director
1818 Market Street
13th Floor
Philadelphia, PA 19103-3638
Phone (215) 990-8200
director@phillycleancities.org

www.phillycleancities.org

Greater Philadelphia Clean Cities Chronicle

Volume 2 Issue 3

Summer 2011

1st Public EV Charging Station in PA Opens in Philadelphia

By: dan lomask

The GPCCP opened Philadelphia's first public electric vehicle charging station in Pennsylvania. Installed with partners from U-Go Stations, the station is located in Liberty Gas Station on Columbus Boulevard, convenient to I-95, South Philadelphia residences, and Columbus Boulevard shopping centers.

The station is partially funded through two PA D.E.P Alternative Fuel Incentive Program grants that the GPCCP and U-Go Stations won in March.

"We intend to make great strides into the Electric Vehicle arena," said Tony Bandiero, director of the GPCCP. *"This is an important first step to*



give Pennsylvania citizens another

option for transportation and the DEP, in partnership with our program, intend to make EV's a real option throughout the state."

The GPCCP and U-Go Stations plan to install five more electric vehicle charging stations in Philadelphia and one in Pittsburg over the next two years.

With infrastructure in place, Pennsylvania can support residents who choose clean-driving electric vehicles over air-polluting gasoline vehicles.

You can search for electric vehicle charging stations in your area using the Department of Energy alternative fuel station locator from your computer (<http://www.afdc.energy.gov/afdc/locator/stations/>) or your phone <http://www.afdc.energy.gov/afdc/locator/m/stations/>. Electric vehicle charging stations are also now searchable using Google Maps.



Tony Bandiero of GPCC & Carmen LaRosa of the PA DEP

"The Only Smoke in the Air..."

By tony bandiero

In July 2011 GPCCP held "Electric Vehicles and Infrastructure the Future of Transportation" a workshop promoting the use of Electric Vehicles and infrastructure in and around the city, coupled with the 2nd annual "The Only Smoke in the Air" BBQ following the program.

The event hosted at PECO a sustaining member of GPCCP for over 18 years, brought together both public and private

entities interested in EV's. The program ran the gamut of topics from a utility perspective to OEM's point of view, and immediate and long term



goals. Over 100 people listened as speakers such as Joe Sherrick, Program Manager from the PA DEP explained

what was their perspective on EV's and how it will impact PA. The 3 hour workshop was followed by a ride and drive of vehicles from consumer based EV's such as the Chevy Volt and the Mitsubishi MiEV to medium duty truck fleet vehicles like the Smith Electric Newton. GPCC would like to thank all the lunch sponsors, partners and stakeholders for making this one of GPCC's most successful events.

Philadelphia Regional Port Authority Hosts GPCC Propane Workshop



Attendees view a propane-hybrid Dodge Charger after the event.

By dan lomask

The GPCCP partnered with the Propane Education & Research Council and the Philadelphia Regional Port Authority for an educational workshop about propane autogas and its use as a transportation fuel. Speakers included representatives from AmeriGas Propane, Ferrell Gas, and Roush Clean Tech. Presentations covered a variety of topics from the economics of propane as a fuel to the types of vehicles

that run on propane autogas.

Held in a meeting space provided by the Regional Port Authority, the workshop included a networking luncheon and ride & drive of propane vehicles. Nearly 50 people were in attendance, including representative from Aramark, U-haul, and the University of Pennsylvania.

During the ride & drive, guests had a chance to test out propane-powered vehicles including a heavy-duty van, a light-duty pickup truck, and the world's only

propane-hybrid Dodge Charger.

The event marks the first time that GPCC has worked with the Philadelphia Regional Port Authority. The GPCCP plans to partner with the Port in the future to help them adopt alternative fuel vehicles.

Presentations from the event can be found online at <http://phillycleancities.org>

First residential Biodiesel burner leads the energy revolution

By tony bandiero

The time is now to start thinking about this year's home heating needs. **The AMERIGreen FlexBurn**, one of GPCC's Sustaining Level Stakeholders has produced the first residential burner engineered specifically to operate on all Bioheating oil blends; from conventional heating oil to pure **Biodiesel**.

"We were able to answer the call from companies and consumers alike, and are proud to be the first to offer this remarkable heating oil burner. It is

the perfect joining of our involvement in BioFuels and our drive to help fuel dealers stay ahead of the technology curve," said Steve McCracken, AMERIGreen Sales & Marketing Manager.

The FlexBurn's simplistic setup is designed by service technicians for easy installation and maintenance. Its unique capabilities launch fuel companies ahead of mandates, improve air quality, and reduce the impact on our environment by burning higher BioHeat blends. FlexBurn has been thoroughly tested and is ETL approved.

The flexibility of this remarkable burner is shown as AMERIGreen Energy joins Enginuity Energy and Harrisburg Area Community College (HACC) on their educational partnership by providing a FlexBurn burner as part of the Ecoremedy project. Ecoremedy is a biomass gasification project that converts biomass such as poultry manure and mushroom substrate, into clean energy. The FlexBurn acts as a catalyst for the project, currently burning a B50 BioHeat blend.

The FlexBurn provides the means of advancing to the next generation of residential heat technology. Visit www.flexburner.com to find out how you can join the energy revolution.

DEP Funds Electric-Vehicle Charging Stations in Philadelphia

Clean Cities Curiosity

In 1832 Robert Anderson of Scotland built the 1st Electric Car.



Thomas Edison and an early electric car in 1913

By dan lomask

The Greater Philadelphia Clean Cities Program has recently been awarded two grants from the Pennsylvania Department of Environmental Protection to install seven electric-vehicle charging stations for electric cars and plug-in hybrids. These grants, totaling more than \$90,000, are a part of the DEP's

Alternative Fuels Incentive Grant Program.

Partnering with charging station distributor U-GO Stations and Parkway Corporation properties, the GPCCP plans to install these stations in high-profile, high traffic areas like the Pennsylvania Convention Center and parking areas near The Constitution Center in Philadelphia. All seven station

will be open to the public.

With the installation of these charging stations, the GPCCP hopes to encourage greater investment and expansion of electric-vehicles and electric-vehicle infrastructure.

For more information visit: <http://www.phillycleancities.org>.