

## EP-ACT Program

### Sustaining Members

AQUA America  
BlueBird Bus  
Brightbill  
Delaware Valley Regional  
Planning Commission  
Greater Philadelphia Chamber of  
Commerce  
PA American Water  
PECO Energy  
UPS  
W.W. Transport  
Zarwin, Baum, DeVito  
Kaplan, Schaer, Toddy, P.C.  
Attorneys at Law

### Gold Level Partners

AAA  
Air & Gas Technologies  
ARAMARK  
Clean Energy  
Colonial Parking  
Sharp Energy  
Suburban Transit Network, Inc

### Silver Level Partners

1st Priority Green Fleet  
AMERlgreen  
Gannett-Fleming Inc.  
Great River Energy  
KING Limousine  
Mobile Fueling Solutions  
Nissan  
OXFORD Engineering  
Philadelphia Gas Works  
Radnor School District  
Rhoads Energy  
Roush Cleantech  
Worley & Obetz

### Bronze Level Partners

Mobile Fueling Solutions

### Municipal Partners

Centennial School District  
Derry Township School District  
East Stroudsburg Area School  
District  
GVF TMA  
Haverford School District  
Lower Merion School District  
Norristown Area School District  
The Partnership TMA of  
Montgomery County  
TMA Bucks  
TMACC  
Upper Mooreland School  
District

### College and University Support

West Chester University  
Temple University



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13th Floor  
Philadelphia, PA 19103  
[ep-act.org](http://ep-act.org)  
215-990-8200

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## 24th Annual Stakeholder Meeting Planning For the Future...

On Tuesday November 21st, EP-ACT will be holding its 24th Annual Stakeholder meeting at PECO Headquarters in Philadelphia. This year's theme is Planning Our Alternative Fuel Future. As we look ahead to what will be upcoming in the near future, we wanted to bring you the most knowledgeable presenters to discuss specific programs that will help us on our way.

One of our Keynote speakers will be Mike Scarpino who is a Transportation Project Engineer at the US Department of Transportation's Volpe National Transportation Systems. He will be speaking about the FAST Act and the Alternative Fuel Corridors that have already been designated and proposed in PA and the rest of the country. These corridors will help improve the needed infrastructure for alternative fuels to travel the interstates in PA and beyond, connecting multi-state by virtue of corridor designations.

Our 2nd Keynote presenter is Cassie Powers who is a Senior Program Director at the National Association of State Energy Officials (NASEO). Cassie's expertise is transportation and State Energy Planning program's. She will present on the VW Mitigation settlement funding and another project we have been working on together called iREV.

This meeting is the quintessential meeting for EP-ACT, the year's past and future activities are discussed and your participation is greatly encouraged. The program runs for 2 hours, immediately followed by our renowned networking luncheon. This is the perfect meeting for new members and old acquaintances to get together to discuss mutually beneficial ideas and relationships. It's always held on the Tuesday before Thanksgiving.

[Click on the image below for registration info:](#)



## "The Only Smoke In The Air" (TOSITA) EV Workshop Another Success



Our 7th Annual TOSITA event was a complete success, pictured to the left is Philadelphia Councilman David Oh, who spoke on the importance of EV's in an Urban population like Philadelphia, and what steps Philly is taking to help make it easier for people to purchase and drive electric vehicles in Philadelphia.

The meeting drew more than 50 attendees representing various industries, municipalities, fleets and utilities. The day's events moved along seamlessly with presentations from DVRPC's Rob Graff who spoke on the evaluation of data collected for the Delaware Valley and potential EV growth; PECO's own Tom Bonner (pictured lower right) who presented on how PECO helped propose some EV legislation and proposed programs with the Commonwealth; The DEP's Mark Hand who spoke about the newly formed Drive Electric Pennsylvania Coalition; ChargePoint's Mike Waters who discussed EVSE's and charging needs to support

EV's in the region; Eric McCarthy from Proterra who discussed Philly's transit agency SEPTA decision to purchase 25 all electric buses, to be delivered in the fall; 1st Priority Green Fleets Brett Gipe, who discussed all electric school buses utilization for portable power source using V2G technology; We concluded our workshop with presentations from General Motors and Kareem Afzal from PDC Machines who did an interesting presentation on hydrogen fuel cell vehicles and hydrogen production. The last presentation was from the Community College of Philadelphia, showing us their plans to have an alternative vehicle program implemented, including EV's. The day's activity culminated with our renowned TOSITA networking BBQ and our EV display. The BBQ produced the only smoke in the air that day, our 9 display vehicles had no emissions coming from the tailpipes.



## National Clean Cities Coordinators Invade Colorado

As luck would have it, in August, 88 Clean Cities Coordinators and support personnel, descended to Golden Colorado for our National Coordinator training held at NREL. The timing couldn't have been better because the day before the meeting was the total solar eclipse. A few of us traveled to Wyoming to view the path of totality and it was "TOTALLY Amazing," pun intended.

The meeting occurs annually and lets the coalitions come together and share ideas and best practices. Much of this year's meeting focused on the Volkswagen Mitigation Trust funds, in which all of the states are receiving money to be dispersed within the transportation sector for NOx emission reduction. Coincidentally many alternative fuel technologies help with the reduction of NOx emissions, so we are well poised to help states with the implementation of projects.

Many sessions were intended to help coalitions with the continuance of their programs despite the possibility of not being recognized under the federal budget proposal for 2018. With sessions like: Diversified Funding Strategies and Content Marketing, & Planning for a Successful Project, the meeting gave us the opportunity to learn about how other coalitions around the country implement different types of

programs that help their bottom line.

Another topic hit upon was the designation of [Alternative Fuel Corridors](#) throughout the country. Much discussions around what is "[signage ready](#)" and "[signage pending](#)". Also discussed was the upcoming 2nd round for nominations coming up in October.

This annual gathering is valuable for face to face meetings with peers from around the country. We share ideas and get information that help us run day to day operations from other coalition perspectives. The Clean Cities Program is an intimate group of like minded professionals striving to implement alternative fuel strategies within their respective regions. The Clean Cities program is comprised of various types of business platforms, meaning some coalitions are non-profit, some are non-profits housed within a larger non-profit, some are attached to their State Energy Offices, some are connected to their city while others are in Council of Governments (COG's). It is this diversity and perspective that help keep the program innovative and thriving through the ebbs & flows of interest in alternative fuel technologies.



pictured above from L to R: Alleyn Harned from Virginia; Tony Bandler from EP-ACT & Jonathan Overly from Tennessee viewing the solar eclipse

## Initiative for Resiliency in Energy through Vehicles



The Initiative for Resiliency in Energy through Vehicles ([iREV](#)) launched in June 2015 with the goal of helping states and localities understand and incorporate AFVs into their emergency preparedness and response efforts. Often overlooked in disaster preparedness is the use of alternative fuel

vehicles in case of fuel supply disruption; this stemming from Super storm Sandy, where the grid was down for days, leaving vehicles with no means to fuel. The exception to this were vehicles in hard hit Atlantic City NJ, called the "Jitney" which housed over 100 shuttles that run on Compressed Natural Gas. They kept running and provided much needed support for the evacuation of thousands of people.

This project is led by the National Association of State Energy Officials (NASEO) with many Clean Cities partners involvement including EP-ACT. The project was designed to work to educate, coordinate, and equip the emergency preparedness and response community with the data, tools, and resources they need to integrate AFVs into emergency response planning. The tool developed from this project will show emergency planners where various types of alternative fuel vehicles, stations and supply are located within their own jurisdic-

tion. This interactive tool can be mapped over their existing GIS mapping tool providing instantaneous resources.

EP-ACT helped provide information within our territory to help populate the database. Throughout the process we helped develop the tool that will be used for this service. We had an additional role in the project as well. A jurisdiction in our territory, Lancaster County, was chosen to be one of 2 pilot cities to implement the new tool. We interacted with the emergency management office and the hired consultant to develop the pilot.

This project was a great project that has tremendous value in such cases. Alt fuel vehicles are a great resource to utilize in emergency planning. As more vehicles come to market and more alt. fueled vehicles and stations come on line, the database will grow more robust, providing options for emergency planners, municipalities and 1st responders.

As the project becomes finalized NASEO will be releasing the results and training emergency planners about the tool and its use in disaster preparedness. The past weather events really show the need for a project like this. Once developed and deployed this will be another resource used to help people.

For more information go to: <http://www.naseo.org/irev>

## Drive Electric Pennsylvania...Zipping Along

Pennsylvania is one outlet closer to having a statewide Electric Vehicle (EV) Roadmap. In August the state hired a contractor to help us organize and develop a road map, that will surely prepare PA for the on-coming EV traffic. The unofficial coalition name, Drive Electric Pennsylvania, is moving forward by planning the many aspects need for the adoption of EV's throughout the state.

As you know, many OEM's including BMW, Chevrolet, Nissan, VW and a host of others will have many available models within 5 years. Adoption of EV's requires more than just an electrical outlet. "Range Anxiety" which is the fear of not being able to charge your car's battery, is still prevalent in getting EV's mainstream, so planning for infrastructure is equally important to help with adoption. The group meets quarterly in Harrisburg to discuss how to move ahead, and

discussions on barriers to adoption, policy and utility involvement are just some of the topics. The coalition has formed 3 committees: Education & Outreach; Infrastructure; & Procurement, each setting goals that will hopefully lead to a means to getting the plan in play.

The contractor is tasked to pull all of the information together, by interacting with the committees and the coalition to come to final report. Until the final report is completed the coalition will be working to implement the pieces of the committees overarching goals on how best to provide an avenue for EV adoption. The PA DEP had started the formation of this group over a year ago, calling on both of Pennsylvania's Clean Cities Coalitions (EP-ACT & PRCC) and the PA DOT as the original steering committee members. The Coalition has come a long way in a short period of time, evident of the involvement of over 40 organizations participation in the coalition.

### VW Settlement Update

In early September the National Association of State Energy Officials, (NASEO) & National Association of Clean Air Agencies (NACAA) set up a web-site for the Volkswagen Mitigation Trust Fund. This site is noted as a clearinghouse for up-to-date information regarding the settlement. The website: <http://vwclearinghouse.org> obtains the most current information regarding the settlement on a state by state basis. The website has a resource library, which contains information on official documents, emission tools and a section on alternative fuels. There is also a NOx emission section that breaks down the emissions by transportation type and at a county level.

EP-ACT is actively working with state officials and local jurisdictions to help gather projects that would benefit from the VW Mitigation Settlement. In Pennsylvania's early draft plan, some of the funding was going to port projects and we are engaging the port of Philadelphia and its customers to share NOx reduction projects which can include, vessels, equipment and transportation modes.

If you have a project idea and want to find out if it will be eligible please send us your ideas to:

[tbandiero@ep-act.org](mailto:tbandiero@ep-act.org)

### Mark Your Calendars:

<u>Event</u>	<u>Date</u>	<u>Info/Link</u>
CNG Workshop Wilkes-Barre	November 8th 2017 9:00-11:00	<a href="#">REGISTER</a>
CNG Workshop Pen Argyl	November 8th 2017 2:00-4:00	<a href="#">REGISTER</a>
24th Annual Stakeholders Meeting	November 21st 2017	<a href="#">REGISTER</a>
For more info and promotional discounts, contact: <a href="mailto:tbandiero@ep-act.org">tbandiero@ep-act.org</a>		

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