

# Electric Vehicle Policy Task Force Update



May 2019

The Electric Vehicle (EV) Policy Task Force was formed in 2017 to help promote electric vehicle (EV) use in Philadelphia and advance the City's commitment to reducing carbon pollution in the transportation sector.

In March 2018, the Task Force released a final report, which outlined key findings and offered recommendations in four key areas: EV Charging Infrastructure, Transit & Fleets, Smart Infrastructure & Technology, and Education & Awareness.

## EV Charging Infrastructure

Entity	Initiative	Progress
Various	Publicly Available Charging Infrastructure	<p>Over the past year, approximately 30 new publicly available chargers were installed in Philadelphia. As of March 2019, approximately 135 publicly available charging ports are installed in Philadelphia, which represents a 28% increase since 2018.</p> <p>Tesla also opened a 10 stall Supercharger location at Rodin Place garage in the Fairmount neighborhood. Tesla is actively developing additional Supercharger, destination level 2, and workplace charging sites throughout the City as well.</p>
PECO Energy Company	Pilot Electricity Rate for DC Fast Charging & PECO Level 2 Charger Rebate	<p>As part of PECO's efforts to promote publicly accessible charging infrastructure, beginning July 1, 2019, PECO is offering a pilot rate for commercial customers who install publicly-accessible EV fast charging stations. These rates will help eliminate "range anxiety" for current and future EV drivers by helping to make fast charging equipment more available throughout the service territory.</p> <p>PECO is also offering an incentive for commercial customers who participate in the PA Department of Environmental Protection's (DEP) Driving PA Forward program and install electric vehicle charging stations for public use.</p> <p>Learn more here - <a href="http://www.peco.com/SiteCollectionDocuments/PECOL2EV.pdf">www.peco.com/SiteCollectionDocuments/PECOL2EV.pdf</a></p>
PA Department of Environmental Protection (PA DEP)	Driving PA Forward	<p>In May 2019, the PA DEP launched the Driving PA Forward initiative, which offers programs to support clean transportation projects. Two Driving PA Forward programs support EV charging infrastructure - the Level 2 Charging Rebate Program and the DC Fast Charging Grant Program.</p> <p>Learn more here - <a href="http://www.depgis.state.pa.us/DrivingPAForward/">http://www.depgis.state.pa.us/DrivingPAForward/</a></p>

## Smart Infrastructure & Technology

Entity	Initiative	Progress
City of Philadelphia	E-bike Pilot	<p>In November 2018, the City launched a two-month pedal assist electric bike pilot to make bike share more accessible for Philadelphians. During the two-month pilot, Indego e-bikes saw approximately 8 average daily trips per bicycle, which significantly exceeds the 2.4 average daily trips a conventional Indego bicycle sees. Indego will add 400 more pedal-assist e-bikes to its fleet in 2019.</p>

For more information, please visit the Office of Transportation, Infrastructure, and Sustainability's website: [www.phila.gov/otis](http://www.phila.gov/otis)

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## Fleets & Transit

Entity	Initiative	Progress
City of Philadelphia	City Green-Fleets	City agencies currently operate 48 plug-in electric vehicles - 19 battery electric vehicles and 29 plug-in hybrid electric vehicles. The City expects to deploy 14 new plug-in electric vehicles by 2020.
Philadelphia International Airport (PHL)	EV Parking	The Philadelphia International Airport offers 14 dedicated public parking spaces for level 2 EV charging. The airport is also currently exploring opportunities to replace conventional fleet vehicles with EV models.
Southeastern Pennsylvania Transportation Authority (SEPTA)	SEPTA Green-Fleets	<p>SEPTA's green-fleet efforts are guided by SEP-TAINABLE, SEPTA's award winning sustainability program plan, and SEPTA's Energy Action Plan. Both plans use the globally recognized "80x50 framework" to benchmark progress towards greenhouse gas emission reduction from vehicle fleets and infrastructure. As noted in the Energy Action Plan, SEPTA already has the only fully electrified rail system in the United States, and as of 2019 will also have the largest electric bus fleet on the U.S. East Coast, with 38 trackless trolley buses running on three routes in North Philadelphia, and 25 battery-electric buses (Proterra) running on two routes in South Philadelphia. An additional 10 battery-electric buses (New Flyer) are on order to be operated out of the Midvale District in North Philadelphia, for a total of 71 zero-emission buses.</p> <p>The process of deploying the new fleet of battery-electric buses has highlighted a variety of ongoing challenges for transitioning from the diesel/hybrid fleet. The new technology triggered a complex series of infrastructure, operational, maintenance, and service planning issues that needed to be addressed before the vehicles could be put into passenger service. Service began on weekends in March 2019.</p> <p>Moving forward, these issues will need to be addressed in an ongoing and comprehensive manner. SEPTA will continue to monitor the performance of battery-electric bus deployment under the auspices and based on the principles of SEP-TAINABLE, which include budget neutrality.</p> <p>For more information, please visit: <a href="http://www.septa.org/sustain/">www.septa.org/sustain/</a>.</p>

## Education & Awareness

Entity	Initiative	Progress
Delaware Valley Regional Planning Commission (DVRPC)	Mid-Atlantic EV Charging Infrastructure Summit	<p>In May 2019, DVRPC hosted the Mid-Atlantic EV Charging Infrastructure Summit to share information and to support decision-making regarding EV charging infrastructure.</p> <p>For more information, please visit: <a href="https://www.dvrpc.org/EnergyClimate/AlternativeFuelVehicles/EVChargingSummit/">https://www.dvrpc.org/EnergyClimate/AlternativeFuelVehicles/EVChargingSummit/</a></p>

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