

# Driving Green:

## Plug-In Hybrid Electric Vehicles (PHEV)

## Plug-In Vehicle Resources

PHEV basics and more information on best practices for deploying PHEVs in your agency's fleet. Visit: [nyserda.ny.gov/chargeny](http://nyserda.ny.gov/chargeny)

Additional information on the Chevrolet Volt: [www.fueleconomy.gov](http://www.fueleconomy.gov)

### Aggregate Purchase of Plug-In Hybrid Electric Vehicles

#### What Is It?

The New York State Department of Environmental Conservation (DEC), along with the Office of General Services, are coordinating an aggregate purchase of Chevrolet Volts. Purchasing these plug-in hybrid electric vehicles (PHEVs) through the [New York State Vehicle Marketplace](#) brings down the purchase price for all authorized users of State contracts.

#### Why purchase plug-in hybrid electric vehicles?

New York State and many municipalities have set ambitious goals to reduce greenhouse gas emissions to fight climate change and switching fleets over to plug-in vehicles is one step to significantly lower emissions from government operations. Because a large amount of the State's electricity comes from renewable resources, PHEVs have a reduced environmental impact. Driving a PHEV in Upstate New York on electricity is the equivalent of driving a (non-existent) 135-mpg gasoline powered vehicle. In addition, PHEVs lower fuel costs and shelter government budgets from fluctuations in gasoline prices.

#### Why was the Chevrolet Volt chosen?

The Chevrolet Volt has an all-electric range of 53 miles before a gasoline backup kicks in to give it the range of a gasoline-powered vehicle. The majority of trips taken in a Volt will be on electricity only, but fleet operators have more flexibility than a pure battery electric vehicle. It also seats five people and the rear seats fold down to create a sizeable trunk. The 2016 Volt range is 420 miles with a full charge and full tank of gas.

#### Who can participate?

Any authorized user of State contracts can participate in the aggregate purchase. Authorized users include local governments, school districts, public higher education institutions, fire districts, libraries, and certain nonprofit organizations.

#### What is the timeframe for the aggregate purchase?

Orders will be placed in early summer (either in June or July), with deliveries in the fall.

#### How can my agency or municipality participate?

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