



# What Plug-In Electric Vehicles (PEVs) and Plug-In Hybrid Electric Vehicles (PHEVs) are in the V2G fleet?



U.S. ARMY



U.S. AIR FORCE



Nissan LEAF Sedan



Ford F-Series Trucks with EVAOS PHEV kits



VIA Motors VTRUX Van



Electric Vehicle International (EVI) Range Extended Electric Vehicle (REEV)



Phoenix Motorcars Electric Shuttle

## Range Description



**PEV**  
electric range: 75 miles  
fuel efficiency: 99 MPGe

**PHEV**  
electric range: N/A  
fuel efficiency: 45 MPG\*\*

**PHEV\***  
electric range: 31 miles  
fuel efficiency: 38 MPG\*\*

**PHEV\***  
electric range: 40 miles  
fuel efficiency: 43 MPG\*\*

**PEV**  
electric range: 100 miles  
fuel efficiency: 32 MPGe

## General Purpose Fleet Role



23.6 cubic feet cargo capacity

1500 to 2800 lbs payload

2650 lbs payload (cargo van only)

5300 lbs payload

116 cubic feet cargo capacity



5 seats

3 seat standard cab  
6 seats crew cab

2 seat cargo  
12 seat passenger

2 seats

visitor transport:  
12 passengers + driver

## Battery Capacity



24 kWh

27 kWh

21 kWh

54 kWh

102 kWh

## # at Locations



LAAFB  
Fort Hood  
JB Andrews  
JB MDL

13

8

8

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5

14

5

8

11

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4

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1

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Miles per gallon (MPG), Miles per gallon equivalent (MPGe), Kilowatt-hours (kWh)  
Los Angeles Air Force Base (LAAFB), Joint Base Andrews (JB Andrews), Joint Base McGuire-Dix-Lakehurst (JB MDL)

\*Fuel used only when electric range exceeded  
\*\*Averaged over 60 miles