



MGAGCC Twentynine Palms program optimizes personal electric vehicle use

Summary

MCAGCC Twentynine Palms established a Plug-In Electric Vehicle (PEV) Charging Program to enable personally-owned electric vehicle use of official government charging stations. This program supports the base's Transportation Incentive Program, which encourages personnel to utilize alternative forms of transit ranging from ride-hailing to public transportation. This pilot also aligns with Mobility Transformation goals of making transportation more efficient and accessible.



Pilot Description

The PEV Charging Program will optimize the base's existing EV charging stations. MCAGCC Twentynine Palms saw an opportunity to increase utilization of the six on-base chargers, which were only supporting six official-use PEVs. Individuals with EVs on base will now be able to pay a flat fee — \$10/month or \$100/year — to use these charging stations while they are at work or parked in an authorized charging location. The base currently has three Level 1 chargers (standard home and office outlets, 120 volts) and three Level 2 chargers (240 volts). If demand increases, the base may install additional Level 1 chargers.

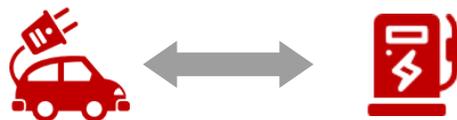
Pilot Benefits

- Affordable and convenient subscription service for individuals living on base with EVs
- Reduces instances of range anxiety (e.g., concern that an EV's charge will not last the duration of a trip)
- Optimizes existing charging infrastructure and increases return on Marine Corps' investment
- Incentivizes EV use
- Reduces greenhouse gas emissions (GHG)
- Can inform opportunities to expand EV use and future EV charging station locations



MCAGCC Twentynine Palms is committed to advancing environmental projects to increase the base's energy efficiency.

For more information on the base's efforts, visit MGAGCC Twentynine Palm's [Green29 website](#).



What is Mobility Transformation?

New transportation innovations are being tested on Marine Corps bases to improve both non-tactical vehicle (NTV) and personal mobility. The Marine Corps Installations Command's (MCICOM) Mobility Transformation effort will make transportation smarter, more affordable, more accessible, and more efficient — improving Marines' and other community members' ability to get where they need to go, when they need to get there.