

Federal Energy and Water Management AWARDS 2014

Nevada National Security Site Area 6
E85 bulk fuel tank



Nevada National Security Site National Nuclear Security Administration U.S. Department of Energy North Las Vegas, Nevada

In FY 2013 the Nevada National Security Site's fuel Lockout Program resulted in the increased use of renewable fuel by 35.3% and a decrease in the use of petroleum based fuels by 18.6% compared to FY 2012. Program results were improved in FY 2013 due to the installation of a second E85 infrastructure to enable the availability of renewable fuels (E85 and B20) at both of the site's fueling locations.

The E85 Lockout Program is a modification to the fuel management system that involved reprogramming the system to identify and prevent alternative fuel vehicles from getting non-

renewable fuel from the site's fueling stations. The reprogramming was accomplished by the Fleet, Fuel, and Equipment Service Renewable Fuel Program Team after the manufacturer of the system was unable to assist.

The E85 Lockout Program was first instituted at the Nevada National Security Site in FY 2009 at the first service station, and then again in FY 2013 at the second service station. In total, implementation of the program at both service stations has increased consumption of renewable fuel by approximately 195% when compared to the FY 2005 baseline.