

# News from the Savannah River Site

U S DEPARTMENT OF ENERGY • AIKEN • SC 29808

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**FOR IMMEDIATE RELEASE**

## SRS Selected for National Electric Vehicle Pilot Program

AIKEN, S.C. (July 30, 2014) – Not long after the Department of Energy-Savannah River (DOE-SR) and Savannah River Nuclear Solutions (SRNS) were selected to participate in a national electric vehicle pilot program, the first electric car and charging station at the Savannah River Site (SRS) have arrived.

The U.S. General Services Administration (GSA) leased a 2014 Chevrolet Volt to SRS at a reduced rate and provided a charging station at no additional cost, with DOE-SR and SRNS sharing the cost of its installation. This effort is part of the GSA's Plug-in Electric Vehicle (PEV) pilot program, which was launched in 2011 after President Obama announced the goal to put one million plug-in electric vehicles on the road by 2015, and it supports the Enterprise SRS clean energy strategic initiatives to reduce greenhouse gas emission through alternative energy projects.

The Chevy Volt has a 380-mile range on a full charge and full tank of gas. The vehicle solely relies on the battery for the first 38 miles before the battery becomes depleted, and a 1.4 liter gasoline-powered engine runs a generator that charges the battery. It takes approximately four hours to fully recharge, which requires about 60 cents worth of electricity.

A number of the Volt's innovative tools help drivers remain aware of the amount of electricity allocated to power the vehicle. The digital



*DOE-SR Fleet Manager Chris Goodman (left) charges the Chevy Volt, the first electric vehicle at the Savannah River Site, while members of the SRNS and DOE-SR Fleet Management team (back row, from left) Tim Armstrong, Kevin Heath and Pete Ladomirak perform a 360 degree walk around inspection before driving the government vehicle.*

dashboard contains a spinning green ball on an LCD screen that serves as an efficiency gauge to help drivers optimize energy. A mobile app notifies users when the vehicle is fully charged or when it is disconnected from the charging station.

“This electric vehicle has been a joint effort between DOE-Savannah River, the General Services Administration and Savannah River Nuclear Solutions, and furthers these important relationships,” said Chris Goodman, Fleet Manager, DOE-SR. “The Savannah River Site welcomes the opportunity to pursue these new technologies that will help us meet our alternative fuel use goals and reduce our carbon footprint.”

During the past year, SRS has increased their alternative vehicle inventory and reduced the overall size of their fleet to meet the Secretary of Energy’s 35 percent vehicle reduction challenge. The fleet management program continues to meet its goals by promoting “Green-Fleet” sustainability practices. In 2013, the program reduced fleet petroleum use by approximately 19 percent, and they are on track to meet DOE’s overall requirement of 30 percent petroleum reduction by year 2020.

*Savannah River Nuclear Solutions is a Fluor-led company whose members are Fluor Federal Services, Newport News Nuclear and Honeywell, responsible for the management and operations of the Department of Energy’s Savannah River Site, including the Savannah River National Laboratory, located near Aiken, South Carolina.*

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