



Federal Leadership in Renewable Energy and Energy Efficiency

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November 5, 2014



Federal Footprint

- 360,000 Buildings
- 650,000 Fleet vehicles
- \$460 billion annually in goods and services
- Largest consumer of energy in the US - \$25 billion per year
- Reduced greenhouse gas emissions 17% since 2008
- Reduced water intensity 19% since 2007
- 9% renewable energy use in FY 2013



President's Performance Contracting Challenge

- President's Performance Contracting Challenge set a goal of \$4 billion in performance contracts by the end of 2016
- More than 340 projects identified - 105 UESCs
- 170 projects awarded
- \$123 million of energy savings to date
- Estimated 43,000 jobs by 2016



UESC Project Highlights

- **DOD** – awarded \$75 million in UESC contracts in FY 13, more than 40% of its performance contracts for the year
 - **Army** – central energy plant at Fort Gordon
- **Coast Guard** – 12 sites in a single contract with Florida Power & Light
- **National Institute of Health** – contract with Pepco for efficiency upgrades at its Bethesda campus
- **Federal Aviation Administration** – partnered with PG&E in Oakland for one of FAA's first UESCs in the region



ESPC Project Highlights

- **GSA building in New Carrollton, MD** – deep energy retrofit to achieve 60% energy reduction
- **FDA Campus at White Oak** – microgrid with combined heat and power (CHP), renewable energy, and comprehensive energy efficiency upgrades



20% by 2020 Renewable Goal

- **U.S. Army's Ft. Huachuca** – 18 MW project
- **U.S. Army's "Georgia 3x30"** – project will deliver power to Fort Stewart, Fort Gordon and Fort Benning
- **WAPA** – RFP for grid based green power for 14 Naval installations in California
- **Brookhaven National Laboratory** – 32 MW solar plant



Electric Vehicles

- Presidential goal that by 2016, all new light duty vehicles purchased for the federal fleet must be alternative fuel vehicles
- Over 4,000 electric vehicles (EVs) in the federal fleet today
- LA Air Force Base committed to converting 100% of passenger vehicles to EVs
- Edison Electric Institute report 2014:
 - EVs are a win for utilities and society
 - Multiple benefits for companies
 - Asks utilities to dedicate 5% of fleet purchases to plug-in vehicles