

## U.S. State Department Energy Savings Agreement with Constellation Energy

*The U.S. Department of State has signed a 20-year agreement with Constellation Energy for renewable energy, allowing the agency to cut greenhouse gases (GHG) and surpass clean energy goals. The Energy Savings Agreement (ESA) spurs development of green energy projects in two states, provides a transformational contracting model for other federal agencies and is expected to create 250 construction jobs and four to six permanent positions. Constellation will provide approximately 120,000 MWh of electricity annually to the State Department and other government facilities. The wind and solar facilities to be constructed in connection with this transaction are expected to generate approximately 54,000 MWh of green energy annually.*

### Environmental Benefits

- Reinforces the administration's commitment to clean energy development and supports the President's national goal to cut greenhouse gas emissions 28 percent by 2020
- Supports growth of clean energy by matching 50 percent of the estimated 120,000 MWh of annual electricity use with Green-e Energy certified renewable energy certificates sourced from new renewable energy facilities in the United States
- Reduces domestic greenhouse gas emissions of the State Department and other federal agencies covered by the contract, including part of the White House campus, by 30 to 35 percent by December 2012
- Surpasses agency GHG reduction goals and supports the Secretary of State's Greening Diplomacy Initiative

### Public-Private Collaboration Model

- Serves as a model for other federal government agencies in leveraging public-private partnerships to develop creative solutions that benefit the environment



## Renewable Project Locations

- A 5-megawatt solar project to be constructed by Constellation Energy in New Jersey by mid-2012
- A 17.5-megawatt wind facility to be built in Pennsylvania by mid-2012

## ESA with Innovative Inter-agency Partnership

- Competitively bid, innovative Energy Savings Agreement is implemented via an interagency contract with Unicor/Federal Prison Industries (FPI)
- FPI will construct the solar panels, ensuring product quality and giving inmates green energy skills that will be in demand through 2050

## Constellation Energy: Sustainability and Energy Solutions for Federal Government

- A leading supplier of competitive power and natural gas, energy products and services for home and business, with more than 300,000 customers in 38 states and Washington, D.C.
- Began serving more than 150 federal agency and institutional customer accounts with electricity and renewable energy in 2009. Customers include the U.S. Capitol, the Kennedy Center, Smithsonian Institution, FBI, and the Federal Reserve
- Currently serving more than 375,000 renewable energy credits, approximately 1.7 BCF (billion cubic feet) of natural gas and approximately 6.9 million MWh of electricity to federal agencies
- Federally approved provider of demand response services for both military and civilian government agencies, enabling eligible federal sites to earn money by shedding load during times of peak energy demand
- National Super Energy Savings Performance Contract supplier chosen by the DOE to improve the efficiency of federal buildings through energy retrofit projects, energy saving performance contracts and deployment of renewable energy systems
- Developed expertise in implementing energy conservation measures and renewable energy systems, including solar, biomass and geothermal heat pump technologies for federal correctional facilities
- Providing secure energy IT platform designed to meet federal government requirements
- Generating portfolio currently has renewable power generation from sources including solar, hydro, biomass, and wind

