

Department of the Interior Bureaus Receive Federal Energy and Water Management Awards

Annually, the Department of Energy's Federal Energy Management Program (FEMP) and the Federal Interagency Policy Committee presents Federal Energy and Water Management Awards and designates Federal Energy Saver Showcase Buildings. These awards recognize outstanding achievements in the conservation and efficient use of energy and water; improving the nation's energy security and reliability; use of renewable energy sources; and energy-efficient mobility in the Federal Government. Federal Energy Saver Showcase Buildings are not only energy and/or water efficient but receive a high level of non-Federal visitation, feature projects that are replicable, and offer visitors the opportunity to learn from site displays and implement similar projects.

Award recipients were honored at a noon ceremony on Thursday, October 7, 2010, at the Omni Shoreham Hotel, 2500 Calvert Street N. W., Washington, D.C. This year the Department of the Interior had four award recipients:

- **Bureau of Reclamation** – Lake Berryessa Recreation Resources Branch in Napa, California, will receive a Multiple Category Award for their comprehensive approach for facility sustainable operations. Numerous energy efficiency and water conservation measures were implemented including low flow fixtures, wash bay recycling and water saving native landscaping. Solar water heating and roof-mounted photovoltaic systems take advantage of renewable solar resources. Sustainable and recycled materials, as well as “green” supplies are used throughout the facility. An education program operates year round for school children and the general public to promote resource conservation and the benefits of sustainability. Annual savings include over 40 million British thermal units of energy, 71,000 gallons of water, 9,900 gallons of fuel, and 114 metric tons of greenhouse gas emissions avoided.



Lake Berryessa Recreation Resources Branch

- **Fish and Wildlife Service** – Parker River Visitor Center and Administrative Headquarters in Newburyport, Massachusetts, will receive a Multiple Category Award for energy efficiency and implementation of renewable energy technologies. Key features include the 32 kilowatt photovoltaic system, daylighting, super insulation, high efficiency lighting, and conversion from fuel oil to natural gas. These features resulted in an annual savings of 115 million British thermal units of energy, 48 megawatt hours of renewable electricity generated, and 31 metric tons of greenhouse gas emissions avoided.



Parker River Visitor Center and Administrative Headquarters

- **Fish and Wildlife Service** – Inland Northwest National Wildlife Refuge Complex Headquarters in Cheney, Washington, will receive a Multiple Category Award for energy efficiency and implementation of renewable energy technologies. The super insulated building envelope constructed of concrete and exterior stone masonry from a regional quarry provides thermal mass, with a cool roof and Hardie Plank siding. Daylighting, energy-efficient LED lighting, occupancy sensors, low-e glazed windows, a 14-ton geothermal heat pump, and a 5 kilowatt grid-tied photovoltaic system optimizes energy performance. Low-VOC carpets, paints, and adhesives provide a healthy work environment. Landscaping with native plant species, low-flow fixtures, and bioswales for parking lot runoff conserve water. These features resulted in an annual savings of 52.7 million British thermal units of energy, 15.5 megawatt hours of renewable electricity generated, and 10 metric tons of greenhouse gas emissions avoided.



Inland Northwest National Wildlife Refuge Complex Headquarters

- **U.S. Geological Survey** – Ms. Kristine Murray, a Contract Specialist with the U.S. Geological Survey’s Eastern Region Acquisitions and Grants Office in Madison, Wisconsin, will receive a Contracting Officer Award for her efforts to implement three energy savings performance contracts (ESPC) within a two year period. Ms. Murray was successful at incorporating the use of American Recovery and Reinvestment Act (ARRA) funding into the third ESPC, leveraging the contract vehicle to expedite the completion of ARRA projects, and the ARRA funding to optimize contract financing for additional non-ARRA projects. This was an innovative procurement process for Federal contracting standards. These projects will annually save over 13 billion British thermal units of energy, and 600 thousand gallons of water, generate 141 megawatt hours of renewable energy, and avoid 514 metric tons of greenhouse gas emissions.