

# A NEW ERA OF RESPONSIBILITY: RENEWING AMERICA'S PROMISE

## The U.S. Department of Energy 2010 Budget

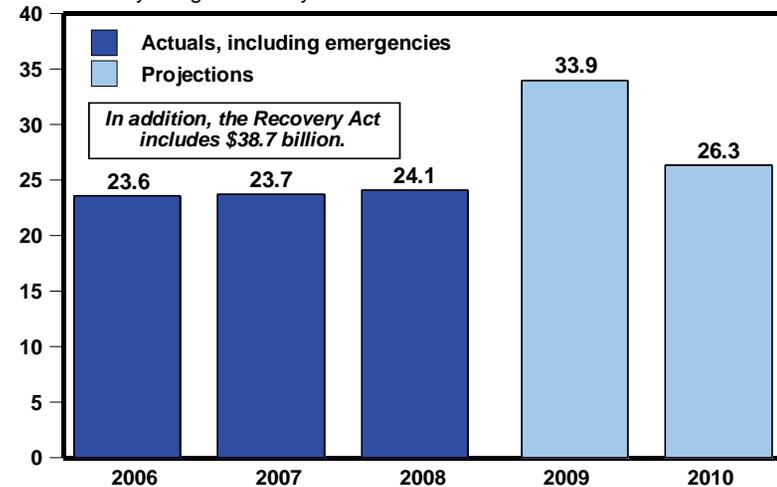
“The pursuit of a new energy economy requires a sustained, all-hands-on-deck effort because the foundation of our energy independence is right here, in America -- in the power of wind and solar; in new crops and new technologies; in the innovation of our scientists and entrepreneurs, and the dedication and skill of our workforce. As we face this challenge, we can seize boundless opportunities for our people. We can create millions of jobs. We can spark the dynamism of our economy through long term investments in renewable energy that will give life to new businesses and industries, with good jobs that pay well and can't be outsourced. We will make public buildings more efficient, modernize our electric grid, reduce greenhouse gas emissions, and protect and preserve our natural resources.”

-- President Barack Obama

The President's Fiscal Year 2010 Budget provides \$26.3 billion for the Department of Energy. In accordance with the President's priorities, the Budget supports the Office of Electricity Delivery and Energy Reliability in modernizing the electricity grid, and increases support for the Office of Science as a step towards doubling Federal investment in the basic sciences. Several Budget initiatives promote a clean energy agenda, including support for loan guarantees to help deploy innovative, clean technologies; advancement of Carbon Capture Storage (CSS) technology; and other efforts to develop and deploy an array of energy alternatives. Addressing both environmental and safety concerns, the Budget increases efforts to secure, manage, and dispose of nuclear material and invests in technology to detect and deter nuclear smuggling and the development of weapons of mass destruction programs. Additionally, the Recovery Act includes \$39 billion in support for energy programs.

### Department of Energy

Discretionary budget authority in billions of dollars



Note: Included in 2009 is emergency funding for Advanced Technology Vehicles Manufacturing Loan Program, \$7.5 billion, and \$250 million for Weatherization.

## The U.S. Department of Energy Budget Highlights

### INVESTMENT IN THE SCIENCES

**Invests in the sciences.** As part of the President's plan to double federal investment in the basic sciences the 2010 Budget, along with the \$1.6 billion provided in the Recovery Act for the Department of Energy's basic science programs, by substantially increasing support for the Office of Science. Increases funding for improving our understanding of climate science and continues the United States' commitment to international energy and science projects. Also expands graduate fellowship programs that will train students in critical energy-related fields.

### NEW ENERGY INFRASTRUCTURE

**Invests in smart, energy-efficient, reliable electricity delivery infrastructures.** Provides support for the Office of Electricity Delivery and Energy Reliability, as part of the President's investment plan to modernize the nation's electric grid. Includes energy storage, cyber security, and investments in research, development and demonstration of smart grid technologies that will accelerate the transformation of the nation's energy transmission and distribution system, enhance security and reliability of energy infrastructure, and facilitate recovery from disruptions to the energy supply.

### CLEAN ENERGY TECHNOLOGY

**Encourages the early commercial use of new, innovative energy technologies that will reduce greenhouse gas emissions.** Supports loan guarantees for innovative energy technologies including renewable energy projects, transmission projects, and carbon capture and storage (CCS) projects that avoid, reduce, or sequester air pollutants and greenhouse gases while simultaneously creating green jobs and contributing to long-term economic growth and international competitiveness.

**Advances the development of low-carbon coal technologies.** Supports CCS technology and along with the \$3.4 billion provided in the Recovery Act for low-carbon emission power demonstrations, these funds will help allow the use of our extensive domestic coal resource while reducing the impacts on climate change.

### INCREASED NUCLEAR SECURITY

**Reduces proliferation risks and ensures the safety, security, and reliability of the nuclear weapons stockpile without nuclear testing.** Supports increased efforts to secure and dispose of nuclear material and invest in innovative science and technology to detect and deter nuclear smuggling and the development of weapons of mass destruction programs. Development work on the Reliable Replacement Warhead ceases, while continued work to improve the nuclear stockpile's safety, security, and reliability is enhanced with more expansive life extension programs.

**Focuses on the cleanup and management of radioactive waste and nuclear materials.** Focuses on improved performance and accountability for the environmental legacy of the Nation's nuclear weapons program by addressing health and safety across the country. The Yucca Mountain program will be scaled back to those costs necessary to answer inquiries from the Nuclear Regulatory Commission, while the Administration devises a new strategy toward nuclear waste disposal.