ENERGY AND WATER DEVELOPMENT, 2020

$48.343 Billion in Total Discretionary Funding, $3.703 billion above FY2019 enacted levels

- Invests in U.S. Department of Energy (DOE) programs, including national nuclear security and energy research and development, as well as important infrastructure projects administered by the Army Corps of Engineers and Bureau of Reclamation.
- Provides resources to strengthen the U.S. nuclear deterrence posture, ensure nuclear stockpile readiness and safety, and prepare for existing and future nuclear threats.
- Includes investments needed to improve and maintain flood control projects and ensure the viability of national and regional ports and waterways.
- Incudes record-level funding for the DOE Office of Science for the fifth year in a row, and provides increased funding for programs to spur greater innovation in energy research, high-performance computing, and next-generation technologies.
- Creates a new Advanced Reactor Demonstration Program to build at least two advanced nuclear reactors and develop key enabling technologies to ensure the United States remains a leader in nuclear energy.

HIGHLIGHTS

The FY2020 Energy and Water Development and Related Agencies Appropriations Bill totals $48.343 billion, $3.6 billion above the FY2019 enacted level.

Nuclear Security – $16.7 billion, $1.48 billion above the FY2019 enacted level for DOE nuclear security programs. This includes:

- $12.46 billion for Weapons Activities, $1.36 billion above the FY2019 enacted level,
- $1.65 billion for Naval Reactors, $140 million below the FY2019 level, and
- $2.16 billion for Defense Nuclear Nonproliferation, $234 million above the FY2019 enacted level.

Army Corps of Engineers – $7.650 billion, $651.5 million above the FY2019 enacted level.

- For the sixth consecutive year, the bill meets the spending targets in the Water Resources Reform and Development Act of 2014 for appropriations from the Harbor Maintenance Trust Fund for the Corps of Engineers.
- For the sixth consecutive year, the bill also makes full use of the estimated annual revenues from the Inland Waterways Trust Fund to advance American competitiveness and export capabilities.

Bureau of Reclamation – $1.68 billion, $115 million above the FY2019 enacted level, for the U.S. Department of the Interior and the Bureau of Reclamation to help manage, develop, and protect the water resources of Western states.

Science Research – $7 billion for the DOE Office of Science, $415 million above the FY2019 enacted level, to support basic science research and enabling research capabilities, development of high-performance computing systems, and research into the next generation of clean energy

sources—all important areas for improving economic competitiveness, national security, and quality of life.

Environmental Cleanup – $7.46 billion for DOE environmental management activities, $276 million above the FY2019 enacted level, including $6.255 billion for Defense Environmental Cleanup to continue remediation of sites contaminated by previous nuclear weapons production.

Energy Programs – $14.6 billion, $1.16 billion above the FY2019 enacted level. Within this total, the bill prioritizes and increases funding for energy programs that encourage U.S. economic competitiveness and advance an "all-of-the-above" solution to U.S. energy independence.

Fossil Energy Research and Development – $750 million, $10 million above the FY2019 enacted level, for technologies to advance coal, natural gas, oil, and other fossil energy resources.

Nuclear Energy Research and Development – $1.49 billion, $167 million above the FY2019 amount, for nuclear energy research, development, and demonstration activities, including:

- $230 million to start a demonstration program for Advanced Reactors, including $160 million for the first year of funding to build two advanced reactor demonstrations;
- $305 million for Fuel Cycle Research and Development, including $2 million begin work on Mining, Conversion, and Transportation; $40 million for Civil Nuclear Enrichment; and $125 million for Advanced Fuels;
- $267 million for Reactor Concepts Research, Development, and Demonstration, including $20 million for industry-led Advanced Reactor Concepts program; $65 million for the Versatile Advanced Test Reactor; and $100 million for continued work to design and license an advanced small modular reactor.