

What does the Department of energy do?

The Department of Energy (DOE) manages the United States' nuclear infrastructure and administers the country's energy policy. The Department of Energy also funds scientific research in the field. Have a question? Ask a real person any government-related question for free. They will get you the answer or let you know where to find it.

Who manages the Energy Department?

The Energy Secretary is assisted in managing the department by a United States Deputy Secretary of Energy, also appointed by the president, who assumes the duties of the secretary in the secretary's absence. The department also has three under secretaries, each appointed by the president, who oversee the major areas of the department's work.

What is the history of the Department of energy?

Although only in existence since 1977, the Department traces its lineage to the Manhattan Project effort to develop the atomic bomb during World War II, and to the various energy-related programs that previously had been dispersed throughout various Federal agencies. Learn more.

How many secretaries does the Energy Department have?

The department also has three under secretaries, each appointed by the president, who oversee the major areas of the department's work. The president also appoints seven officials with the rank of Assistant Secretary of Energy who have line management responsibility for major organizational elements of the department.

What does the Office of electricity do?

The Office of Electricity leads the Department of Energy's research, development, and demonstration programs to strengthen and modernize our nation's power grid so that our nation maintains a reliable, resilient, and secure electricity delivery infrastructure.

When did the Federal Energy Administration become a federal agency?

The new agency, which began operations on October 1, 1977, consolidated the Federal Energy Administration, the Energy Research and Development Administration, the Federal Power Commission, and programs of various other agencies.



The Office of Nuclear Energy advances nuclear power as a resource capable of meeting the nation's energy, The United States and United Kingdom successfully fabricated test capsules made up of advanced metal alloys and graphite for use in future advanced nuclear reactors. U.S. Department of Energy Issues Final HALEU Environmental Impact



Early last year, the U.S. Department of Energy (DOE) The United States joined more than 20 other nations last year in pledging to triple nuclear energy capacity globally by 2050. Together, they committed to supporting the development and construction of nuclear reactors, mobilizing investments in nuclear power, promoting resilient supply



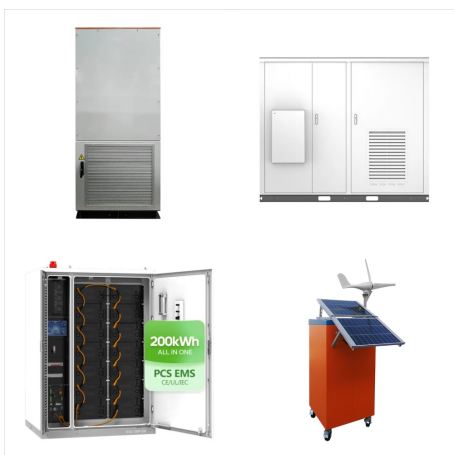
The U.S. Department of Energy's Office of Electricity announced the launch of the Community Microgrid Assistance Partnership (C-MAP). This initiative assists remote, rural, and electrically isolated communities in developing resilient microgrid systems. (OE) partnered with the Indian government's Department of Science and Technology to



About the DOE Office of Indian Energy . DOE funds a wide variety of clean energy projects to support Tribes in realizing their energy visions. From 2010 through 2024, DOE's Office of Indian Energy has invested over \$190 million in more than 240 Tribal energy projects implemented across the contiguous 48 states and in Alaska.



The Annual Energy Outlook 2023 (AEO2023) explores long-term energy trends in the United States. Since we released the last AEO in early 2022, passage of the Inflation Reduction Act (IRA), Public Law 117-169, altered the policy landscape we use to ???



Addressing the effects of climate change is a top priority of the Energy Department. As global temperatures rise, wildfires, drought, and high electricity demand put stress on the nation's energy infrastructure. And severe weather -- the leading cause of power outages and fuel supply disruption in the United States -- is projected to worsen, with eight of the 10 most destructive ???



Biomass is an organic renewable energy source that includes materials such as agriculture and forest residues, energy crops, and algae. Scientists and engineers at the Energy Department and National Laboratories are finding new, more efficient ways to convert biomass into biofuels that can take the place of conventional fuels like gasoline, diesel, and jet fuel.



Fusion Energy Breakthrough: In December, scientists at the National Ignition Facility at DOE's Lawrence Livermore National Laboratory achieved fusion ignition, creating more energy from fusion reactions than the energy used to start the process was the first time this has ever been achieved in a laboratory, anywhere on Earth, making it one of the most impressive ???



New U.S. heat pumps and clean HVAC manufacturing announcements under President Biden: Over \$1.4 billion announced so far ; Over 4,300 potential new jobs ; Over 45 new or upgraded facilities for ???



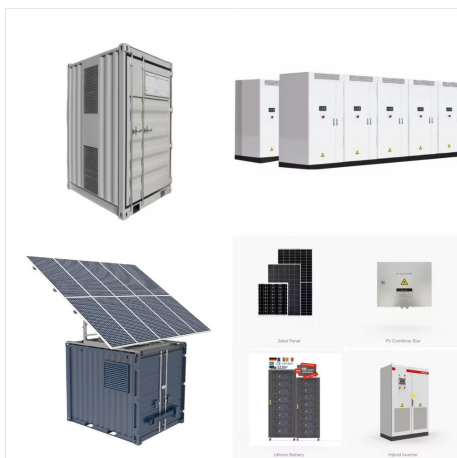
WASHINGTON, D.C. ??? The U.S. Department of Energy (DOE) today announced four, consensus-based energy-efficiency actions that will save American households and businesses nearly \$1.9 billion per year on utility bills, while significantly cutting energy waste and harmful carbon pollution. All four final standards reflect joint recommendations from a wide ???



The Department's official seal first appeared in the 1978 issue of the Federal Register. The eagle represents the care in planning and the purposefulness of efforts required to respond to the Nation's increasing demands for energy.



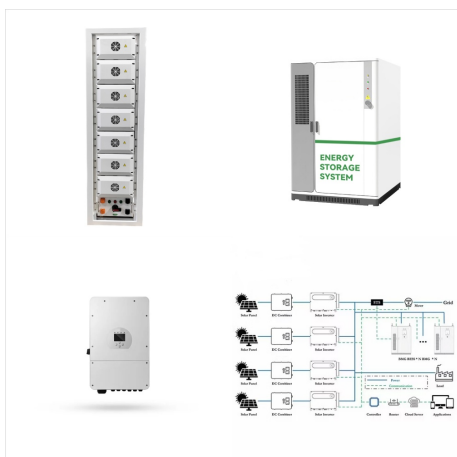
The United States Congress has allocated billions of dollars through the US Department of Energy or DOE to aid in the United States clean energy transition to update energy infrastructure, build supply chain resilience, and support research and development of new technologies like hydrogen and small scale nuclear, among other things.



The United States has used nuclear power for more than 60 years to produce reliable, low-carbon energy and to support national defense activities. The Energy Department's Office of Nuclear Energy's primary mission is to advance nuclear power as a resource capable of making major contributions in meeting our nation's energy supply



Secretary of Energy of the United States Jennifer Granholm and the Federative Republic of Brazil's Minister of Mines and Energy, Alexandre Silveira announced new, joint initiatives on clean energy and renewed their commitment to advance a just and inclusive energy transition today at the third ministerial meeting of the U.S.-Brazil Energy Forum (USBEF).



New U.S. heat pumps and clean HVAC manufacturing announcements under President Biden: Over \$1.4 billion announced so far ; Over 4,300 potential new jobs ; Over 45 new or upgraded facilities for manufacturing different heat pump technologies and key components, such as compressors and low global warming potential (GWP) refrigerants ; Based on current ???



Find statistics and data trends about energy, including sources of energy, how Americans use power, how much energy costs, and how America compares to the rest of the world. We visualize, explain, and provide objective context using government data to help you better understand the state of American energy production and consumption.



WASHINGTON, D.C. ??? As part of the Biden-Harris Administration's Investing in America agenda, the U.S. Department of Energy (DOE) today opened applications for up to \$900 million in funding to support the initial domestic deployment of Generation III+ (Gen III+) small modular reactor (SMR) technologies. DOE plans to use this funding???made possible in part by ???



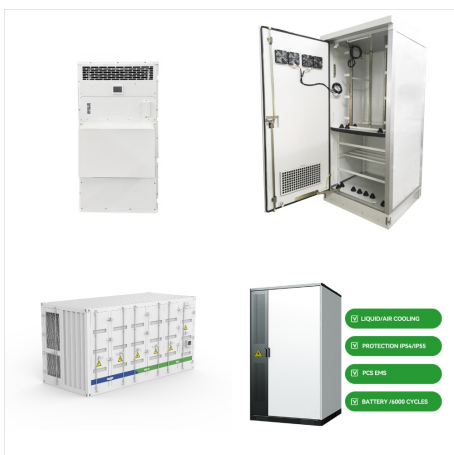
The National Laboratories have served as the leading institutions for scientific innovation in the United States for more than 60 years. The Energy Department's 17 National Labs tackle the critical scientific challenges of our time -- from combating climate change to discovering the origins of our universe -- and possess unique instruments



Energy-efficient products at home and across economic sectors save Americans billions on their utility bills each year. The Building Technologies Office's Appliance and Equipment Standards Program implements minimum energy conservation standards for appliances and equipment used in homes, industry, and commercial buildings.. Visit ENERGY STAR to find energy-efficient ???



As a new employee of the Department of Energy (DOE), you are entering a Cabinet-Level Executive Branch Agency with a long history of achievement. The DOE has won more R& D awards than any private sector organization, and twice as many as all other Federal agencies combined. As the nation's top sponsor of research on promising technologies, the Department ???



Jennifer M. Granholm. Jennifer M. Granholm was sworn in as the 16th Secretary of Energy on February 25, 2021. Secretary Granholm is leading the Department in helping America achieve President Biden's goal of net-zero carbon emissions by 2050 by advancing cutting-edge clean energy technologies, creating millions of good-paying union clean energy jobs, and building an ???



The United States is home to one of the largest and fastest-growing wind markets in the world. To stay competitive in this sector, the Energy Department invests in wind research and development projects, both on land and offshore, to advance technology innovations, create job opportunities and boost economic growth.. Moving forward, the U.S. wind industry remains a critical part of ???



WASHINGTON, D.C. ??? As part of the Biden-Harris Administration's Investing in America agenda, the U.S. Department of Energy (DOE) today announced over \$3 billion for 25 selected projects across 14 states to boost the domestic production of advanced batteries and battery materials nationwide. The portfolio of selected projects, once fully contracted, are ???



The United States secretary of energy is the head of the United States Department of Energy, a member of the Cabinet of the United States, and fifteenth in the presidential line of succession. The position was created on October 1, 1977, when President Jimmy Carter signed the Department of Energy Organization Act, establishing the department. [2]
The energy ???



EERE is working to achieve U.S. energy independence and increase energy security by supporting and enabling the clean energy transition. The United States can achieve energy independence and security by using renewable power; improving the energy efficiency of buildings, vehicles, appliances, and electronics; increasing energy storage capacity; and ???



In October 1974, in the wake of the 1973 Oil Embargo, the Federal Energy Administration???the predecessor of the U.S. Department of Energy???published the first issue of the Monthly Energy Review (MER), an overview of the energy produced and consumed in the United States. In the 50 years since that first publication, the U.S. energy sector has