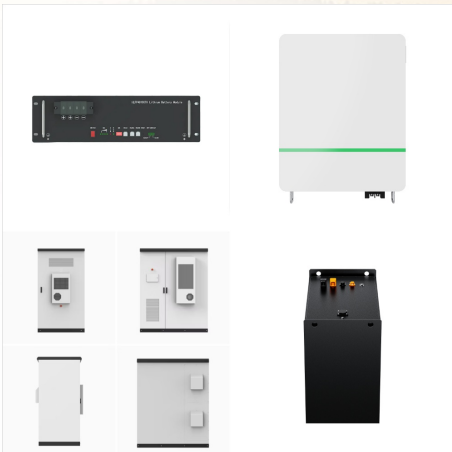




WASHINGTON, D.C. ???The U.S. Department of Energy (DOE) today announced three new communities will receive a combined \$10 million in funding and technical assistance to research, model, validate, and deploy local clean energy strategies. Teams of local governments, electric utilities, and community-based groups will work closely with experts from DOE's world ???



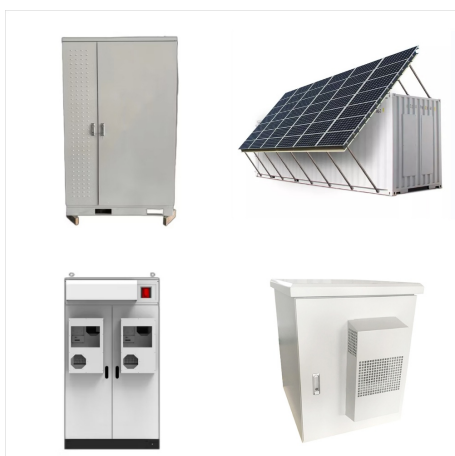
The development of the U.S. Department of Energy (DOE) Microgrid Program Strategy started around December 2020. The purpose was to define strategic research and development (R& D) areas for the DOE Office of Electricity (OE) Microgrids R& D (MGRD) Program to support its vision and accomplish its goals. The overarching vision for the Strategy and



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 ???



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



The Department of Energy's (DOE) overarching mission is to advance the national, economic, and energy security of the United States; to promote scientific and technological innovation in support of that mission; and to ensure the environmental cleanup of the national nuclear weapons complex. Laws passed by Congress and signed by the President



OverviewHistoryOrganizationRelated legislationBudgetPrograms and contractsSee alsoFurther reading



WASHINGTON, D.C. ??? Today, two years after President Biden signed the Bipartisan Infrastructure Law, the U.S. Department of Energy (DOE) announced up to \$3.5 billion from the Infrastructure Law to boost domestic production of advanced batteries and battery materials nationwide. As part of President Biden's Investing in America agenda, the funding will ???



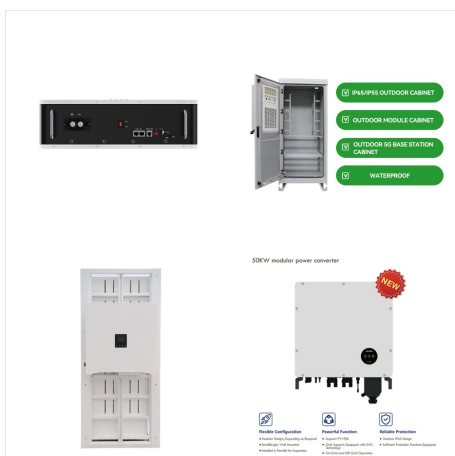
WASHINGTON, D.C. ??? The U.S. Department of Energy (DOE) today announced the release of its Offshore Wind Energy Strategy, a first-of-its-kind, comprehensive summary of the Department's efforts to meet President Biden's goal to deploy 30 gigawatts (GW) of offshore wind energy by 2030 and set the nation on a pathway to 110 GW or more by 2050. . Deploying ???



WASHINGTON, D.C. ??? As part of President Biden's Investing in America agenda, the U.S. Department of Energy (DOE) today announced up to \$6 billion for 33 projects across more than 20 states to decarbonize energy-intensive industries, reduce industrial greenhouse gas emissions, support good-paying union jobs, revitalize industrial communities, and strengthen ???



The Energy Department is working to ensure America's Energy Future, Scientific & Technological Leadership, Nuclear Security and to resolve the environmental legacy of the cold war. Learn more about Energy Department Directives, ???



United States government. Actions Cite verifiedCite While every effort has been made to follow citation style rules, there may be some discrepancies. U.S. Department of Energy (DOE), executive division of the U.S. federal government responsible for administering national energy policy. Established in 1977, it promotes energy efficiency and



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 ???





: Biden-Harris Administration Announces More than \$31 Million in Clean Energy Funding to 19 States and Local Communities | Department of Energy  
January 18, 2024: DOE Announces Over \$20 Million to 32 States and Local Communities Addressing Place-Based Energy Needs | Department of Energy



A clean energy revolution is taking place across America, underscored by the steady expansion of the U.S. renewable energy sector.. The clean energy industry generates hundreds of billions in economic activity, and is expected to continue to grow rapidly in the coming years.



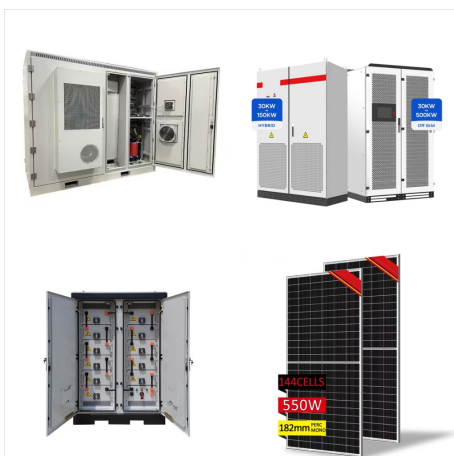
Welcome to the first issue of the U.S. Department of Energy Critical Materials Collaborative's quarterly newsletter about critical minerals and materials. October 1, 2024 The United States has more than 4.4 billion tons of coal waste scattered across many sites throughout the nation. February 7, 2023



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



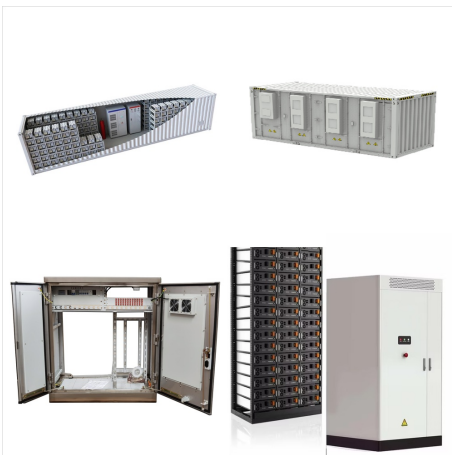
U.S. National Clean Hydrogen Strategy and Roadmap. The U.S. National Clean Hydrogen Strategy and Roadmap explores opportunities for clean hydrogen to contribute to national decarbonization goals across multiple sectors of the economy provides a snapshot of hydrogen production, transport, storage, and use in the United States today and presents a strategic ???



The U.S. Department of Energy (DOE) is the nation's powerhouse for transformative science and technology solutions that address America's energy, environmental, and nuclear security challenges, including the climate emergency. The agency is tasked with overseeing the United States' energy supply, maintaining a safe, secure and effective



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 ???



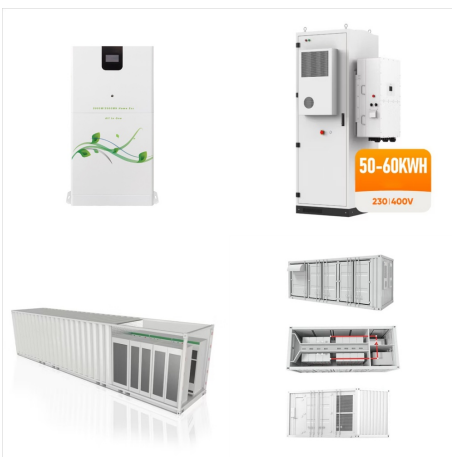
On March 29, 2023, DOE released Advancing Offshore Wind Energy in the United States, U.S. Department of Energy Strategic Contributions Toward 30 Gigawatts and Beyond, a comprehensive summary of DOE's role in the nationwide effort to deploy 30 gigawatts (GW) of offshore wind energy by 2030 and to set the nation on a pathway to 110 GW or more



The U.S. Department of Energy works closely with states and communities to ensure their unique needs are being met as they transition to a clean, resilient, and affordable energy future. Transitioning the United States to a clean energy economy enhances economic growth, energy independence, and the health and well-being of the American people.



The mission of the Energy Department is to ensure America's security and prosperity by addressing its energy, environmental and nuclear challenges through transformative science and technology solutions. Energy Catalyze the timely, material, and efficient transformation of the nation's energy system and secure U.S. leadership in energy

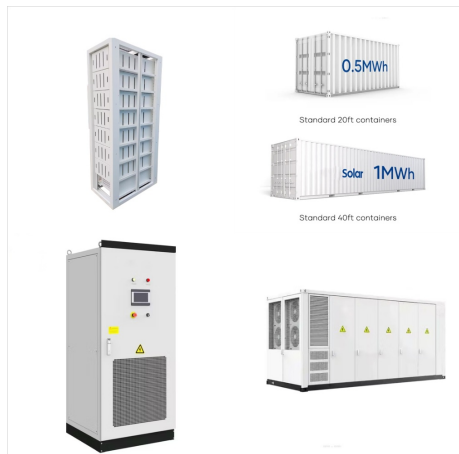


U.S. Department of Energy National Renewable Energy Laboratory's Storage Futures Study; U.S. Department of Energy National Renewable Energy Laboratory's Hybrid Energy Systems: Opportunities for Coordinated Research; Battery Storage. U.S. Energy Information Administration: Battery Storage in the United States: An Update on Market Trends



The Department of Energy Organization Act of 1977 created one of the most interesting and diverse agencies in the Federal government. Activated on October 1, 1977, the twelfth cabinet-level department brought together for the first time within one agency two programmatic traditions that had long coexisted within the Federal establishment: 1) defense responsibilities that ???





Advancing Offshore Wind Energy in the United States iii Executive Summary The Strategy The U.S. Department of Energy (DOE) has been a global leader in supporting critical wind energy research, development, demonstration, and deployment (RDD& D) for decades, helping usher in commercial wind energy production.