



The U.S. Department of Energy supports a number of grant, loan and financing programs. Learn more about these programs and how they can help you -- whether you are a startup energy business looking to launch a pilot project, a company with proven technology that needs help reaching commercial scale, or a state, local or tribal government looking for funding resources ???



The U.S. Department of Energy (DOE) plays a leading role in developing new technologies and procedures that reduce the environmental impacts of renewable energy. DOE's Office of Energy Efficiency and Renewable Energy (EERE) supports responsible clean energy development by funding research that protects wildlife from not only the impacts of



The U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) champions clean energy through its technical offices and programs that fund research and development and promote energy efficiency across all sectors of the U.S. economy. Learn how you, too, can become a Clean Energy Champion.



The Office of Energy Efficiency and Renewable Energy is the largest investor in clean energy technology development in the U.S. Government. During the Biden Administration, EERE has published FOAs totaling over \$3.8 billion and has selected promising proposals to receive more than \$884 million in awards.



Program Will Improve Outcomes for Host Communities, Local Governments, and Renewable Energy Developers. Washington, D.C. ??? Today, the U.S. Department of Energy (DOE) launched a new initiative to support states and local communities as they plan for and evaluate proposed development of large renewable energy facilities.



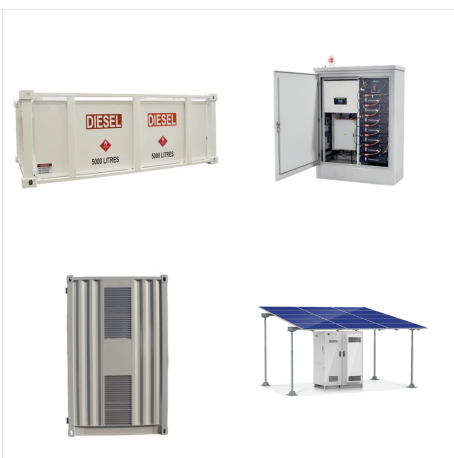
Valerie Reed Bioenergy Technologies Office
Director Valerie Reed leads the Bioenergy Technologies Office's overall strategic, technical, and project oversight of efforts to improve performance, lower costs, and accelerate market entry of ???



The Office of Energy Efficiency and Renewable Energy (EERE) and U.S. Department of Energy (DOE) provide many opportunities for students, recent graduates, and others looking for internships, fellowships, and similar programs with the federal government. Fellowships EERE: American Association for the Advancement of Science Fellowships



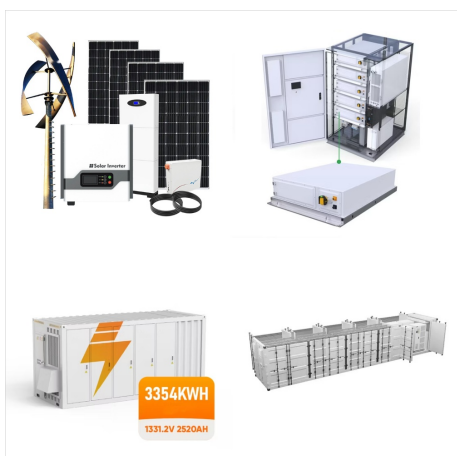
Biomass is an organic renewable energy source that includes materials such as agriculture and forest residues, energy crops, and algae. Scientists and engineers at the Energy Department and National Laboratories are finding new, more efficient ways to convert biomass into biofuels that can take the place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



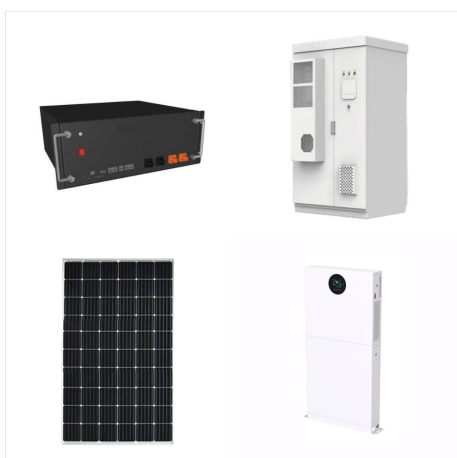
Charles Scaife, a technology manager and scientist at the U.S. Department of Energy's Water Power Technologies Office, shares how his well-traveled childhood led to him working to understand the impacts of climate change on water and energy. Office of Energy Efficiency & Renewable Energy Forrestal Building 1000 Independence Avenue, SW



The U.S. Department of Energy (DOE) is committed to ensuring all Americans benefit from this shift to clean energy, no matter their background or where they live. DOE's Office of Energy Efficiency and Renewable Energy (EERE) has implemented a growing number of programs, funding opportunities, and research and development projects to address



In 2015, we started a renewable energy boom in Queensland to reduce emissions, create new jobs and diversify the state's economy by establishing a 50% renewable energy target by 2030. The Queensland Energy and Jobs Plan (QEJP), released in September 2022, builds on this long-standing target, with new commitments of 70% renewable energy by



Adding Renewable Energy to the Grid Celebrating the Weatherization Assistance Program Fuel Savings Calculator U.S. Department of Energy Announces Over \$9 Million in Funding and Prizes for Tribal Colleges and Universities To Advance Clean Energy . Learn More



Using renewable energy resources???solar, water, wind, geothermal, and bioenergy???and enhanced power electronics gives us more ways to keep the power on or bring it back after an outage. The U.S. Department of Energy (DOE) is working to modernize and expand the electricity grid so it can integrate renewable energy and increase resilience.



The Office of Energy Efficiency and Renewable Energy (EERE) uses multiple news outlets to share the latest clean energy technology updates and community successes. U.S. Department of Energy Announces More Than \$43 Million in Projects To Drive Industrial Decarbonization Through Cross-Cutting Technologies.



WASHINGTON, D.C. ??? The U.S. Department of Energy (DOE) today released a new interactive map series showcasing, in localized detail, where clean energy investments are occurring across the United States thanks to President Biden's Investing in America agenda. This new interactive tool will serve as a valuable resource for tracking the industrial revitalization ???



Valerie Reed Bioenergy Technologies Office
Director Valerie Reed leads the Bioenergy Technologies Office's overall strategic, technical, and project oversight of efforts to improve performance, lower costs, and accelerate market entry of advanced biofuels and bioproducts, which can help reduce America's imports of oil while enabling a new industry with an improved ???



The International City/County Management Association (ICMA) and Interstate Renewable Energy Council (IREC) today launched Energy Ready, a new integrated effort funded by the U.S. Department of Energy (DOE) that supports local governments with free technical assistance and recognizes their improvements in planning, zoning, and for permitting ???



The U.S. Department of Energy (DOE) Office of Energy Efficiency and Renewable Energy (EERE) today announced its intent to issue multiple funding opportunity announcements (FOAs) totaling over \$100 million for field demonstrations and other research to support better planning and operation of the electric grid.



WASHINGTON, D.C. ??? The U.S. Department of Energy (DOE) today released America's first comprehensive plan to ensure security and increase our energy independence. The sweeping report, "America's Strategy to Secure the Supply Chain for a Robust Clean Energy Transition," lays out dozens of critical strategies to build a secure, resilient, and diverse ???



Fervo Energy??? This pilot within the Milford Renewable Energy Corridor in Utah and adjacent to the DOE's Frontier Observatory for Research in Geothermal Energy (FORGE) field laboratory aims to produce at least 8 megawatts of power from each of three wells at a site with no existing commercial geothermal power production.



Developed by the U.S. Department of Energy (DOE) Solar Energy Technologies Office (SETO), these guides provide overviews of the federal solar investment tax credit, known as the ITC, for homeowners, businesses, and solar manufacturers. [Learn More](#)



? Vice President Kamala Harris campaigned in 2024 on support for gas fracking as well as renewable energy. President Joe Biden granted almost 50 percent more oil and gas drilling permits for wells



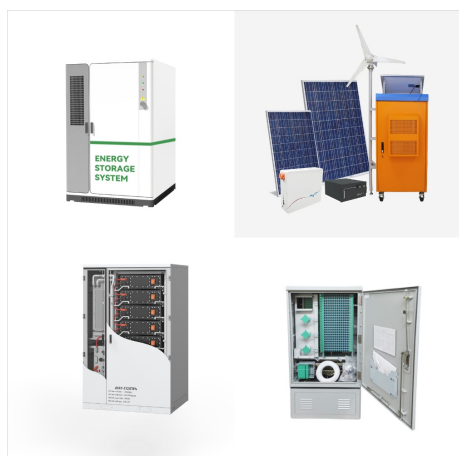
Learn about DOE actions to assess the potential energy opportunities and challenges of AI, accelerate deployment of clean energy, manage the growing energy demand of AI, and advance innovation in AI tools, models, software, and hardware. advanced AI to forecast renewable energy production for grid operators, smart grid applications of AI to



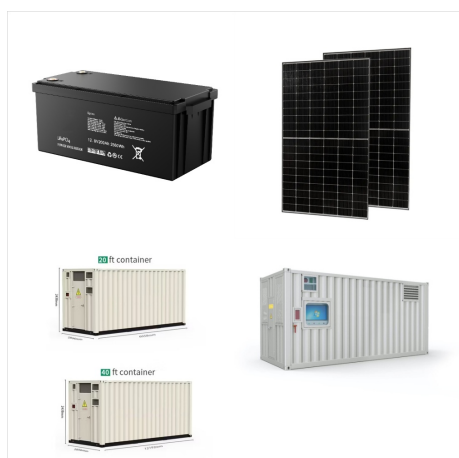
That's why last month the Department of Energy (DOE) announced two bold goals: to deploy 30 gigawatts of offshore wind within the decade, and cut the current cost of solar energy by 60% by 2030. These announcements are a big deal for combating the climate crisis, recovering from the economic slowdown caused by the pandemic, and addressing



Renewable energy sources accounted for 9% of Australian energy consumption in 2022-23. Renewable electricity generation has more than doubled over the last decade, but combustion of biomass such as firewood and bagasse (the remnant sugar cane pulp left after crushing) still constitutes about a third of all renewable energy consumption in Australia.



Overview. As the country faces a multi-faceted challenge on its pandemic response programs, amidst the imposed lockdowns on economic activities, the Department of Energy (DOE) is presenting a track to attain an inclusive and equitable economic growth made possible through the provision of secure, sustainable, and resilient energy strategies. The Philippine Energy ???



Florida is taking the first step toward requiring more renewable energy statewide after Agriculture Commissioner Nikki Fried announced her office planned to start the process of setting goals



At the Department of the Interior, we know that the time to act on climate is now. Renewable energy ??? including solar, onshore and offshore wind, geothermal, and wave and tidal energy projects ??? will help communities across the country be part of the climate solution while creating good-paying union jobs.



The U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) is committed to leading the nation's transition to a clean energy economy for these reasons. About 20% of all U.S. electricity now comes from renewable energy sources with 60% from fossil fuels like coal, petroleum, and natural gas, and the remainder



Adding Renewable Energy to the Grid Celebrating the Weatherization Assistance Program Fuel Savings Calculator U.S. Department of Energy Announces Over \$9 Million in Funding and Prizes for Tribal Colleges and Universities To ???



Eligible Renewable Energy (RE) Power Plants for Renewable Portfolio Standards (RPS) Compliance for On-Grid and Off-Grid Areas as of August 2024
Date Posted: Friday, 4 October 2024 Summary of Renewable Energy (RE) Projects under the ???



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 ???