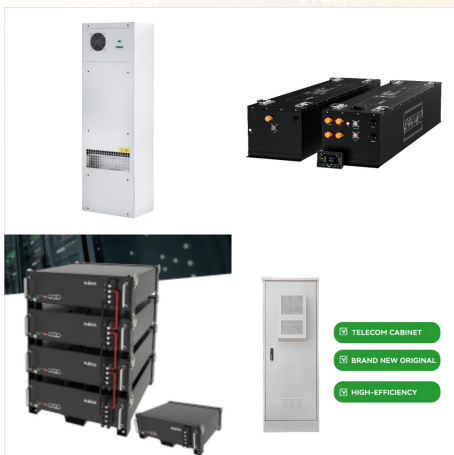




Renewable electricity capacity additions reached an estimated 507 GW in 2023, almost 50% higher than in 2022, with continuous policy support in more than 130 countries spurring a significant change in the global growth trend. This worldwide acceleration in 2023 was driven mainly by year-on-year expansion in the People's Republic of China's



Global annual renewable capacity additions increased by almost 50% to nearly 510 gigawatts (GW) in 2023, the fastest growth rate in the past two decades. This is the 22nd year in a row that renewable capacity additions set a new record.



Works to increase the proportion of renewable energy in the Federal government's energy mix. The Guide shows a common process for large RE projects, in spite of different terms, from three key perspectives: Developer, Federal agency, and Financier.

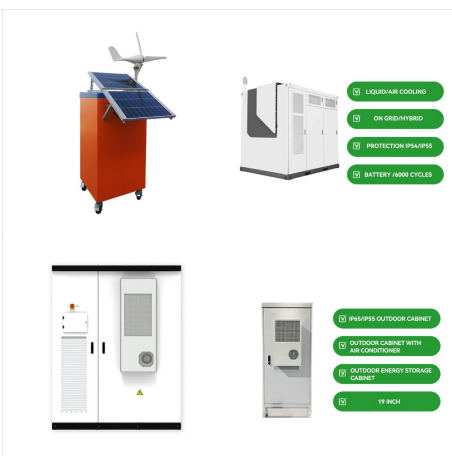
# LARGE-SCALE RENEWABLE ENERGY



According to American Clean Power, 113 manufacturing facilities or expansions have been announced since August 2022, totaling \$421 billion of investment in domestic, utility-scale clean energy production, as of early 2024.



A sound infrastructure for large-scale energy storage for electricity production and delivery, either localized or distributed, is a crucial requirement for transitioning to complete reliance on environmentally protective renewable energies.



Renewable energy has grown exponentially over the past two decades thanks to government policy and falling prices, far faster than many experts expected. Today, building new solar and onshore wind power on average costs around 40% less than coal or gas power.

# LARGE-SCALE RENEWABLE ENERGY



Large-scale renewable energy projects, especially wind and solar power, will play a pivotal role in decarbonizing the grid quickly and cost-effectively to achieve President Biden's goals of a 100% clean electricity by 2035 and net-zero emissions economy by 2050.



The Next Decade: Decarbonization Goals Drive Rapid???and Equitable???Clean Energy Deployment. Today, RE Futures" vision of 80% renewable energy for the United States is closer than ever, with ambitious federal emissions-reduction targets and ???



The framework includes key elements of successful, financially attractive large-scale renewable energy projects. The guide also offers recommendations to help federal agencies build strong business cases, define and mitigate risks, and establish good project characteristics.

# LARGE-SCALE RENEWABLE ENERGY



Today, the U.S. Department of Energy (DOE) announced that applications can now be submitted for a \$10 million funding and technical assistance program to expand state and local government capacity to support the planning, siting, and permitting of large-scale renewable energy projects on private land. This opportunity is part of DOE's new