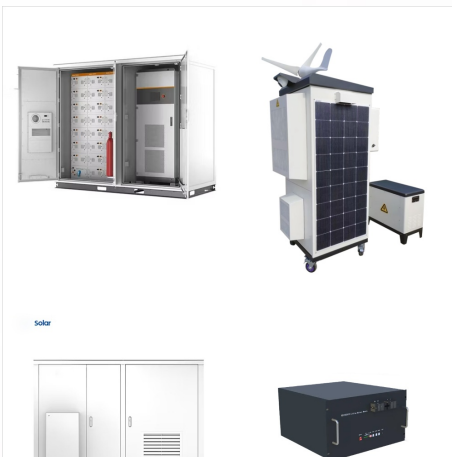




In the first six months of 2022, 24% of U.S. utility-scale electricity generation came from renewable sources, based on data from our Electric Power Monthly. The renewables' share increased from 21% for the same time period ???



By 2028, potential renewable electricity generation is expected to reach 14 430 TWh, an increase of almost 70% from 2022. Over the next five years, several renewable energy milestones could be achieved: In 2024, variable renewable generation surpasses hydropower. In 2025, renewables surpass coal-fired electricity generation.

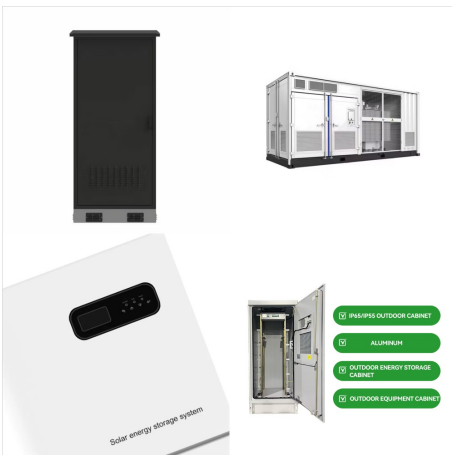


In the first six months of 2022, 24% of U.S. utility-scale electricity generation came from renewable sources, based on data from our Electric Power Monthly. The renewables' share increased from 21% for the same time period last year.

ELECTRICITY GENERATION FROM RENEWABLE ENERGY



The three major categories of energy for electricity generation are fossil fuels (coal, natural gas, and petroleum), nuclear energy, and renewable energy. Most electricity is generated with steam turbines that use fossil fuels, nuclear, biomass, geothermal, or solar thermal energy.



Over the coming five years, several renewable energy milestones are expected to be achieved: In 2024, wind and solar PV together generate more electricity than hydropower. In 2025, renewables surpass coal to become the largest source of electricity generation.



In 2020, renewable energy sources (including wind, hydroelectric, solar, biomass, and geothermal energy) generated a record 834 billion kilowatthours (kWh) of electricity, or about 21% of all the electricity generated ???

ELECTRICITY GENERATION FROM RENEWABLE ENERGY



Renewable electricity generation in 2021 is set to expand by more than 8% to reach 8 300 TWh, the fastest year-on-year growth since the 1970s. Solar PV and wind are set to contribute two-thirds of renewables growth.



In 2020, renewable energy sources (including wind, hydroelectric, solar, biomass, and geothermal energy) generated a record 834 billion kilowatthours (kWh) of electricity, or about 21% of all the electricity generated in the United States.



The SunShot Initiative targets strategic cost reductions to make subsidy-free solar energy cost-competitive at \$1 per installed watt of generation capacity, or about \$0.06 per kilowatt hour of ???

ELECTRICITY GENERATION FROM RENEWABLE ENERGY



The SunShot Initiative targets strategic cost reductions to make subsidy-free solar energy cost-competitive at \$1 per installed watt of generation capacity, or about \$0.06 per kilowatt hour of electricity. Source: U.S. Department of Energy.