

NEWSLETTER**ENERGY & ENVIRONMENT****15 - 21 December 2025****Energy green transition accelerates, benefiting widespread industrial development**

Data from the National Energy Administration shows: In November, national electricity generation reached 779.2 billion kilowatt-hours, with renewable energy accounting for nearly 60% of installed capacity. Among them, wind power and photovoltaic power generation performed strongly, increasing by 10.4% and 27.4% year-on-year respectively, contributing to China's energy transition. ([People's Daily Online](#))

National Energy Administration: "Accelerating the Construction of a New Energy System"

According to the report released on December 10, China's non-fossil energy consumption will account for approximately 25% by 2030, and the vast majority of new electricity demand during the 15th Five-Year Plan period (2026-2030) will be met by clean energy. The report stresses the construction of wind and solar power bases in the "Three Norths" region and the promotion of coal-fired power transformation. ([Sohu](#))

China advances green transition, global energy cooperation in 2021-2025

China has built the world's largest renewable energy system during the 14th Five-Year Plan (2021-25) period, leading globally in installed wind and photovoltaic power capacity. With the world's biggest electric vehicle charging network and cutting-edge technology, China is driving global decarbonization. Its clean energy exports have helped other countries reduce 4.1 billion metric tons of carbon emissions. ([China Daily](#))

Hydropower playing bigger role in energy security

China's hydropower sector is strengthening its role as a cornerstone of national energy security and green transition. The country leads in hydropower technology, with projects like the Yangtze River clean energy corridor generating 300 billion kWh annually. New developments, including a 1.2 trillion yuan (146.9 billion euro) project on the Yarlung Zangbo River, will further boost clean energy capacity. ([China Daily](#))

China completes construction of world's first wind-powered underwater data center

China has completed construction of the world's first wind-powered underwater data center in Shanghai's Lin-gang Special Area. The 1.6 billion yuan (200 million euro) project features 24MW capacity and uses over 95% green electricity. Compared to land-based centers, it reduces power consumption by 22.8% and eliminates water use while saving 90% land. ([Xinhua](#))