

NEWSLETTER

ENERGY & ENVIRONMENT

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China Expands National Carbon Emission Trading Scheme To Cover Cement And Aluminum Sectors

China has officially expanded its national carbon emission trading scheme to include the energy-intensive cement and aluminum industries, effective immediately. Market participants anticipate increased liquidity and more accurate carbon pricing as a result of this wider participation. Regulators believe this move will drive substantial emission reductions across these traditionally high-carbon sectors. **(Ministry of Ecology and Environment)**

China Accelerates Deployment Of Ultra-High Voltage Transmission Lines For Renewable Integration

China is rapidly accelerating the construction of new Ultra-High Voltage (UHV) transmission lines to facilitate the long-distance transport of clean energy from western regions to eastern load centers. Engineers highlight that UHV technology minimizes transmission losses and enhances overall grid stability during peak demand periods. **(State Grid Corporation of China)**

China Boosts Investment In Carbon Capture Utilization And Storage Technologies

The Chinese government has announced a substantial increase in funding for research and development in Carbon Capture, Utilization, and Storage (CCUS) technologies. Experts emphasize that CCUS is indispensable for decarbonizing hard-to-abate industries and achieving deep emission reductions. The initiative aligns perfectly with China's broader roadmap for industrial green transformation and climate action. **(Ministry of Science and Technology)**

China's Renewable Energy Capacity Surpasses Thermal Power For The First Time In History

China's total installed capacity of renewable energy sources, including wind, solar, hydro, and biomass, has officially exceeded that of thermal power plants nationwide. Industry analysts credit robust government policies and massive investments in green infrastructure for driving this rapid transition. The achievement underscores China's unwavering commitment to achieving its ambitious carbon neutrality targets. **(National Energy Administration)**

China Initiates First Compute-Power And Electricity Green Power Direct Supply Project

China has officially launched its first large-scale green power direct supply project specifically designed for data centers in a key economic zone. Government officials assert that this model substantially reduces the carbon footprint of the digital economy and enhances local renewable energy consumption. The project sets a precedent for future sustainable energy integration within the nation's burgeoning tech infrastructure. **(National Energy Administration)**