

NEWSLETTER

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China Issues First National Green Hydrogen Industry Standardization Guidelines

China has released its inaugural set of national standardization guidelines specifically tailored for the burgeoning green hydrogen industry. Industry leaders believe this regulatory clarity will significantly accelerate commercial investment and technological maturation in the sector. The move positions China to dominate the global clean hydrogen supply chain in the coming decade. **(National Development and Reform Commission)**

China Commissions World's Largest Offshore Floating Solar Photovoltaic Power Plant

China has successfully commissioned the world's largest offshore floating solar photovoltaic power plant off the coast of a southern province. Engineers highlight its potential to coexist with offshore wind farms, creating hybrid renewable energy hubs. The project marks a significant technological leap in utilizing ocean surfaces for clean power generation. **(China General Nuclear Power Group)**

China Mandates Strict Recycling Targets For Critical Minerals In Clean Energy Equipment

The Chinese government has implemented stringent new regulations requiring the recycling of critical minerals from decommissioned clean energy equipment. Manufacturers are now legally obligated to establish circular supply chains to recover these valuable resources efficiently. This initiative aims to secure national resource independence and minimize environmental waste. **(Ministry of Industry and Information Technology)**

China's State Grid Launches Pilot Program For Virtual Power Plants In Major Cities

China's State Grid has launched a groundbreaking pilot program introducing Virtual Power Plants (VPPs) across several major metropolitan areas. This innovative approach significantly enhances grid flexibility and reliability during peak electricity demand periods. The program represents a crucial step toward a fully intelligent and responsive national power system. **(State Grid Corporation of China)**

China Achieves Breakthrough In Commercial-Scale Carbon Mineralization Technology

Chinese researchers and industrial partners have achieved a major breakthrough in commercial-scale carbon mineralization technology. The newly established facility can process thousands of tons of CO₂ annually, transforming it into valuable construction materials. This advancement offers a promising and permanent solution for large-scale industrial decarbonization efforts. **(Chinese Academy of Sciences)**