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NEWSLETTER

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World's largest offshore wind-solar hybrid project launched in China
China has commissioned the world's largest integrated offshore wind and solar power facility in eastern coastal waters. The 2.2-gigawatt plant combines floating solar panels with wind turbines, boosting energy yield per sea area. The hybrid design provides more stable clean power by balancing generation profiles. This project highlights China's progress in marine renewable integration. **(Xinhua)**

China's carbon market expands to cement and steel sectors
China's national carbon market has expanded to include cement and steel manufacturing, nearly doubling its coverage. The system now covers about 75% of the country's industrial carbon emissions. The move is set to drive significant low-carbon investment in these hard-to-abate industries. Analysts expect stronger carbon price signals and increased market liquidity. **(Ministry of Ecology and Environment)**

Grid-Scale iron-air battery storage deployed in northwest China
A 100 MW/800 MWh iron-air battery storage system has started commercial operation in northwest China. Using low-cost iron, water, and air, it provides 100+ hours of storage at 60% lower cost than lithium-ion. The technology is ideal for multi-day storage of excess wind and solar power. This deployment marks progress in solving renewable intermittency for grid stability. **(Science and Technology Daily)**

Construction begins on China's first long-distance green hydrogen pipeline
China has broken ground on its first dedicated long-distance green hydrogen pipeline in Inner Mongolia. The initial 400 km segment will link renewable bases with industrial hydrogen users. Upon completion, it will move over 1 million tons of green hydrogen annually, aiding the region's shift from coal. The pipeline is key to the national "West-to-East Hydrogen Transmission" strategy. **(National Energy Administration)**

Shenzhen completes full transition to electric public transport
Shenzhen has fully electrified its entire 16,000-bus and 22,000-taxi public transport fleet. It now operates the world's largest and fastest complete transition to electric urban transport. The switch cuts 1.35 million tons of CO_2 yearly and reduces urban air and noise pollution. Shenzhen's model offers a scalable blueprint for other megacities. **(China Daily)**