

NEWSLETTER

ENERGY & ENVIRONMENT

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China Completes Nation's Largest Solar-Hydrogen-Storage Integrated Demonstration Project

China announced full completion of the 400 MW offshore photovoltaic demonstration project in Rudong, Jiangsu, which integrates a 1,500-Nm³/h alkaline electrolyzer and a grid-connected battery storage system. The "generation-to-hydrogen-to-grid" model allows surplus solar power to produce green hydrogen for industrial users and refueling stations along the coast. **(National Energy Administration)**

Ministry Issues Implementation Plan To Scale Up New Energy Heavy-Duty Truck Adoption

The Ministry of Transport, together with ten other departments, released a scheme targeting 40% penetration of new energy heavy trucks and 1.6 million units in total by 2030. The plan calls for building around 3,000 truck charging and battery-swapping stations along three national trunk-line corridors and prioritizing electrification of short-haul fixed routes in Beijing-Tianjin-Hebei and Fenwei Plain. **(Ministry of Transport)**

China Publishes Special Fund Rules For Central Budgetary Support

China promulgated the revised Measures for the Central Budgetary Investment Special on Ecological Protection and Restoration, effective for the 2026–2030 planning cycle. The rules clarify that key watershed rehabilitation, mountain-river-forest-farmland-lake-grassland-desert integrated restoration, and marine ecosystem projects are eligible for central subsidies of up to 80% of qualifying investment in western regions. **(National Development and Reform Commission)**

State Council Approves Outline Of Beautiful China Construction Plan For The 16th Five-Year Period

China examined and passed the Beautiful China Construction "16th Five-Year Plan", setting phased targets for air and water quality improvement, soil safety, and biodiversity conservation through 2030. The plan requires all provinces to align territorial spatial planning with carbon-peak roadmaps and to establish a provincial-municipal-county three-tier assessment system for ecological civilization performance. **(State Council)**

Jiangsu Pilots Hour-Level Traceable Green Electricity Trading Under Upgraded National Green Certificate Framework

China confirmed the first hourly granularity green electricity transaction in Dafeng Zero-Carbon Industrial Park, involving a 60-MWh purchase by a paper manufacturer from a nearby wind farm. The trade leverages the upgraded Green Electricity Certificate system that timestamps renewable generation attributes to enable corporate buyers to demonstrate hourly-matched decarbonization to international supply-chain auditors. **(National Energy Administration / Beijing Power Exchange Center)**