

NEWSLETTER

ENERGY & ENVIRONMENT

17 – 23 August 2026



China Starts Second Round Of Coal-power Flexibility Retrofit Program

China launched the second phase of the national coal-power flexibility retrofit initiative, targeting an additional one hundred fifty gigawatts of thermal-generating capacity to achieve deep peaking capability below 30% rated load. Participating plants must install advanced boiler-control systems, auxiliary-variable-frequency drives, and thermal-energy-storage buffers to maintain stable output. **(National Energy Administration)**

Guangdong Powers Up 800-kv Ultra-high Voltage Line To Southwest Renewables Hub

State Grid Corporation of China energized an eight-hundred-kilovolt ultra-high-voltage direct-current transmission corridor linking massive hydroelectric complexes in Yunnan province with coastal load centers in the Pearl River Delta mega-region. The two-thousand-kilometer link boasts a transmission capacity of twelve gigawatts and incorporates voltage-source converter technology. **(China Daily)**

Shanghai Introduces Tough Emission Standards For Heavy-duty Logistics Fleets

The Shanghai Municipal Ecology and Environment Bureau enforced revised emission standards for freight trucks exceeding twelve tonnes gross vehicle weight operating within the outer-ring road network, mandating real-time onboard diagnostics and diesel-particulate-filter retrofits. Non-compliant vehicles will be barred from entering designated low-emission zones starting next month. **(Shanghai Municipal Ecology and Environment Bureau)**

Inner Mongolia Advances Green Hydrogen Corridor With Twelve New Electrolyzer Plants

The Inner Mongolia Autonomous Region government approved construction permits for twelve large-scale alkaline-electrolyzer facilities spread across the Kubuqi Desert and Ordos coalfields, collectively capable of producing two hundred thousand tonnes of green hydrogen annually using curtailed wind and solar power. Developers are required to integrate waste-heat recovery loops and intelligent scheduling algorithms. **(Inner Mongolia Autonomous Region Government)**

Beijing Rolls Out City-wide Smart Waste-sorting And Recycling Platform

Beijing activated a comprehensive digital platform tracking household waste generation, collection routes, and recycling yields across all eighteen municipal districts using internet-of-things-enabled smart bins and blockchain-authenticated audit trails. Residents earn redeemable carbon-credit points by correctly segregating organic waste, paper, plastics, and metals. **(Beijing Municipal Urban Management Commission)**