

NEWSLETTER

ENERGY & ENVIRONMENT

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China Launches National Campaign Against Illegal Activities In Ecological Redlines

China has launched the "Green Shield 2026" campaign to crack down on illegal activities within nature reserves and ecological redlines. Satellite remote sensing and high-altitude drones will identify unapproved mining, industrial, and tourism projects. This initiative reinforces the zero-tolerance stance against environmental violations in sensitive ecosystems. **(Ministry of Ecology and Environment)**

China Releases Mandatory National Standards For Photovoltaic Module Safety

The State Administration for Market Regulation has released mandatory national standards for photovoltaic modules to standardize the industry and enhance product safety. Strict requirements for fire resistance, electrical insulation, and mechanical load performance will force outdated facilities to exit the market. Implementation is scheduled for June 2027 to allow enterprises time for production line adjustments. **(State Administration for Market Regulation)**

China Unveils 51 High-Value Scenarios For Ai-Energy Integration

The National Energy Administration has unveiled 51 high-value scenarios for integrating artificial intelligence across the energy sector, covering power grids, wind farms, and smart energy management. Twenty-five major energy enterprises have pledged to open their application scenarios to AI developers. This move aims to solve industry fragmentation and accelerate the digital transformation of energy infrastructure. **(National Energy Administration)**

China Issues Guidelines To Promote Multi-User Green Power Direct Connection

The National Development and Reform Commission has issued guidelines promoting direct green power connections for multiple industrial users. This policy allows distributed renewables to serve several nearby factories, facilitating localized consumption and reducing transmission losses. The initiative supports the development of zero-carbon industrial parks and enhances overall energy efficiency. **(National Development and Reform Commission)**

China Initiates First Geothermal Power Project Using Supercritical Carbon Dioxide

China Huaneng Group has launched the nation's first geothermal power project utilizing supercritical carbon dioxide as the heat transfer medium. This method offers higher thermodynamic efficiency and lower water consumption compared to traditional geothermal power generation. The project marks a significant breakthrough in the efficient utilization of medium-low temperature geothermal resources. **(China Daily)**