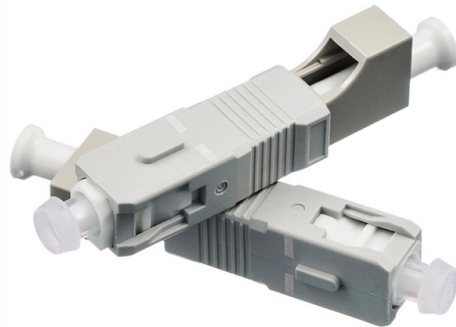


China Unicom Smart Energy



Overview

Shenzhen, China, November 19, 2025 - ZTE Corporation (0763. SZ), a global leading provider of information and communication technology solutions, together with China Unicom and Trina Solar, announced the successful deployment of a 5G-A-enabled green energy digitalization blueprint that upgrades photovoltaic manufacturing.

PRESS RELEASE: ZTE Corporation together with China Unicom and Trina Solar, announced the successful deployment of a 5G-A-enabled green energy digitalization blueprint that upgrades photovoltaic manufacturing and power-plant operations from smart production to smart governance. Built on a 5G-A. China Unicom has transitioned from foundational investments in energy-saving data center technologies to large-scale commercial deployments that use AI to optimize power consumption across its expanding infrastructure. In the period from 2021 to 2024, China Unicom focused on pilot projects and. China Unicom's Internet application innovation base is located in China-Singapore Guangzhou Knowledge City situated in the Guangdong-Hong Kong-Macao Greater Bay Area. This state-of-the-art mobile Internet innovation base is designed around the concepts of intelligent management, green operation. China Unicom Cloud products enable energy companies to operate their IT system on a reliable and redundant platform with disastrous recovery to reduce CAPEX expenditure, lower the dependence on the local technical team to flexibly adjust the IT capacity and agilely implement new projects to quickly. From desert restoration to green-powered AI computing, Trinasolar's groundbreaking projects in Qinghai and Sanjiangyuan set new benchmarks for global clean energy transformation. Sanjiangyuan Green Power & Intelligent Computing Microgrid Demonstration Project, by China Unicom and Trina Solar.

Article Content

China Unicom Unveils AI-Driven Products of Internet of Vehicles

Recently, China Unicom Smart Connection Technology Co., Ltd. launched three products of the Internet of Vehicles based on the company's AI model: ZhiYu, ZhiLue, and ZhiTu. The AI

China Unicom, ZTE & Trina lead green energy digitalization

ZTE Corporation (0763.HK / 000063.SZ), a global leading provider of information and communication technology solutions, together with China Unicom and Trina Solar, announced the

China's Data Center Industry: Present Scenario and Global Impact

Explore China's data center market, including current infrastructure, ongoing and upcoming projects, AI-driven growth, and its role in the global digital ecosystem.

5G RedCap: Unlocking Scalable IoT and FWA Innovation with

In IoT, RedCap enables scalable deployments across verticals such as industrial automation, smart energy and logistics, in retail with Point of Sales devices, and through consumer wearables such as

China Unicom unveils AI-driven products of Internet of

China's major telecom operator China Unicom unveiled three artificial intelligence-driven products of the Internet of Vehicles on Saturday at a

China Unicom, ZTE and Trina Solar set a new benchmark for green

China Unicom, ZTE and Trina Solar set a new benchmark for green energy digitalization (ZTE Corporation)

China Unicom, ZTE and Trina Solar set a new

Looking ahead, China Unicom, ZTE, and Trina Solar will continue to iterate the solution with enhanced RAN-to-edge intelligence, standardized data

Trinasolar Empowers National Strategies with

From desert restoration to green-powered AI computing, Trinasolar's groundbreaking projects in Qinghai and Sanjiangyuan set new benchmarks for

China Unicom, State Grid and Huawei L...

PRESS RELEASE: State Grid, China Unicom, and Huawei reported their achievement of 10,000 5G reduced capability (RedCap) terminal

China Telecom launches into the token economy

The telco's advance into the token economy puts it ahead of rivals China Mobile and China Unicom as well as most other operators worldwide.

1carbon emission

The Company will continue to give full play to digital intelligence, focus on energy consumption management, smart water conservancy, biodiversity protection and other fields, supporting the green

#wtisd2026 #services #security #5g #ai #cybersecurity # ...

On #WTISD2026, China Unicom looks back on the #services and #security measures we took to build a more connected and resilient future. In Greece, we converged our #5G, #AI, and #Cybersecurity ...

China Unicom Contributes to Green, Low-Carbon Development

Based on its core capacities of cloud computing, big data, internet of things, artificial intelligence, blockchain and security, China Unicom has made efforts to promote digitization of

Telecom Network Company | China Unicom Europe

China Unicom offers a vast network of terrestrial and submarine cables, ensuring reliable and extensive global connectivity for the energy industry. With abundant data centre resources, especially in the

China Unicom, ZTE & Trina lead green energy digitalization

Looking ahead, China Unicom, ZTE, and Trina Solar will continue to iterate the solution with enhanced RAN-to-edge intelligence, standardized data models, and AI-native applications for

Telecom Network Company | China Unicom Europe

Telecom Company - China Unicom (Europe) China Unicom Europe is a wholly-owned telecom company, a subsidiary of China Unicom Global Limited

China Unicom, ZTE and Trina Solar set...

PRESS RELEASE: ZTE Corporation together with China Unicom and Trina Solar, announced the successful deployment of a 5G-A-enabled green energy digitalization blueprint that

China Unicom Drives Data Center Energy Savings

At a glance: China Unicom's sustainable development strategy has been widely implemented across the data center sector, effectively driving the realization of low-carbon development. China Unicom has

What is the State of China's Digital Economy in 2026? A

Comprehensive overview of China's \$7.5 trillion digital economy in 2026 — covering AI (DeepSeek, Qwen), e-commerce (\$2.93T), live commerce, fintech, gaming (\$49.8B), and the

China Unicom's 2026 Green AI Data Center Strategy

China Unicom shifts to AI-first in 2026. Learn how its green data center strategy leverages AI for energy efficiency to back massive investments. Uncover the full analysis.

China Unicom, Huawei Unveil Smart 5G-A Network at MWC Shanghai

China Unicom Beijing and Huawei aim to evolve 5G-A infrastructure from basic connectivity to intelligent platforms, integrating advanced information and communication

China Unicom, ZTE and Trina Solar set a new

Shenzhen, China, November 19, 2025 - ZTE Corporation (0763.HK / 000063.SZ), a global leading provider of information and communication technology solutions,

China Unicom Drives Data Center Energy Savings

China Unicom has partnered with Intel to make full use of Intel Intelligent Energy Management solution to further drive the energy conservation and emissions reduction of data centers. The solution can

China Unicom announced its 14th Five-Year Plan on

With the aim for green, low-carbon, and circular development, China Unicom will comprehensively, systematically and thoroughly push forward energy-saving and carbon-reduction work, clearly

Decarbonizing Data Centers: Huawei Enables China

In response, China Unicom Guangzhou has taken an active approach to comply with the national dual-carbon policies by retrofitting the current data center to

Let the data center "turn green" and help large energy ...

How to make the data center lower carbon and smarter has become an urgent problem to be solved, and the data center innovation team of China Unicom's China Communications Academy

China Unicom's 2026 Green AI Data Center Strategy

China Unicom's Commercial Scale Projects for Green AI Infrastructure 2026 China Unicom has transitioned from foundational investments in energy-saving data center technologies to large-scale

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