

NLR is defining the next generation of concentrating solar power (CSP) plants through integration of thermal energy storage technologies that enhance system capacity, reliability, efficiency, and grid stability.

Last month, Tongwei and China Datang jointly inaugurated a high-altitude PV demonstration power plant in Derong County, Ganzi Prefecture, Sichuan Province (see China Solar PV News Snippets).

Most of China's solar power is generated within its western provinces and is transferred to other regions of the country. In 2011, China owned the largest solar power plant in the world at the time, the Huanghe ...

On May 31, 2018, DOE announced an additional \$7 million for five projects selected as alternates. Three teams will compete to build an integrated system with thermal energy storage that can efficiently receive solar heat ...

Shanghai has approved the Fengxian 1# offshore photovoltaic project, the first commercial-scale solar-wind hybrid of its kind in China. The move marks a major step forward in the city's efforts to build a ...

Solar power Solar and wind power has grown faster than electricity demand this year, report says A new analysis of solar and wind power shows its generation worldwide has outpaced electricity demand this year.

Over the course of two and a half years, the Generation 3 Concentrating Solar Power Systems (Gen3 CSP) funding program evaluated three technology pathways that could enable high temperatures and, thereby, ...

Canadian Solar has announced that its wholly-owned subsidiary, CSI New Energy Holding Co., Ltd. has completed the sale of three solar power plants in China, totaling 44.3 MWp to Shenzhen Energy, a ...

China Three Gorges Group has connected to the grid a 1 GW hybrid concentrated solar power (CSP) and photovoltaic (PV) project in Hami, Xinjiang. The facility, described as the largest integrated CSP ...

Over 451 GW of new solar PV capacity was added in 2024 alone, representing the largest addition of any renewable energy source and accounted for over three-quarters of all renewable capacity additions in 2024.

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