



To Provide Low-cost, High-quality, and Clean Energy!

QUARTERLY UPDATE

Q1, 2024



PROJECT REFERENCE >>>



Until the end of April 2024, the Tower CSP installed capacity of Cosin Solar has reached 1360MW, including three Tower CSP projects totaling 110MW under operation, and eleven Tower CSP projects of 1250MW under construction, and the market share is far ahead.

1360MW

Tower CSP installed capacity

110MW

Tower CSP Projects Under Operation

1250MW

Tower CSP Projects Under Construction

IN OPERATION



SUPCON SOLAR Delingha 50MW Molten Salt Tower CSP Plant

The SUPCON SOLAR Delingha 50MW Molten Salt Tower CSP Plant (the “Plant”) has achieved remarkable performance. As of 24:00 on January 31, the Plant recorded an impressive monthly power generation of 18.4358GWh, hitting a new high since its operation.

As data shows, in the 31 days of January, the Plant operated for 31 days, of which 26 days saw a daily performance above 100%. From January 1 to January 14, the Plant **set three new records, namely, continuous operation for 322.62 hours, power generation of 9.1955GWh, and average production rate at 111.5%.**

Project Operation Performance

After the Plant was put into operation in July 2019, it has been running steadily for four years and ten months. Through continuous optimization of operation strategy, its performance steadily improved and repeatedly broke records in terms of non-stop operation hours, daily, monthly, and annual performance.

146.4GWh

Accumulated power generation in 2022
Becoming the world's first CT CSP plant

152.4GWh

Accumulated power generation in 2023
Exceeding the target for Two Years

UNDER CONSTRUCTION

100MW Jinta ZhongGuang Solar “CSP + PV” Hybrid Pilot Project 100MW CSP Project

Until the end of April 2024, the 25,594 sets of heliostats have been installed, the receiver body hoisting and the most of the civil works, the steam turbine covering was successfully completed, and the turbo-generator's stator hoisting was successfully completed. The main installation project of the power block is underway, and the installation works are in full swing, and the MS tank, SGS and other auxiliary system equipment and pipelines are also under construction as planned.

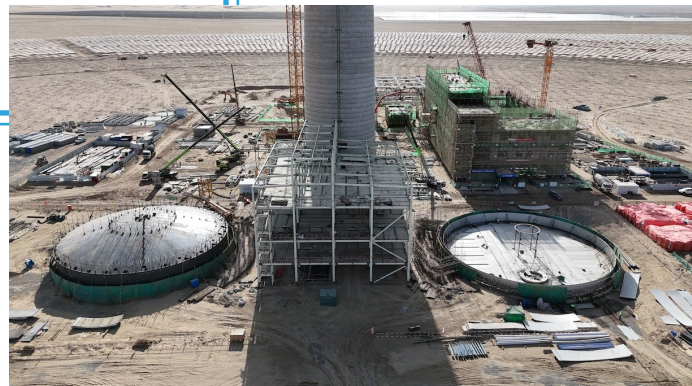
The complex building and the living building in the factory front area have been completed.



100MW

CTGR Qinghai Qingyu DC 100MW CSP Project

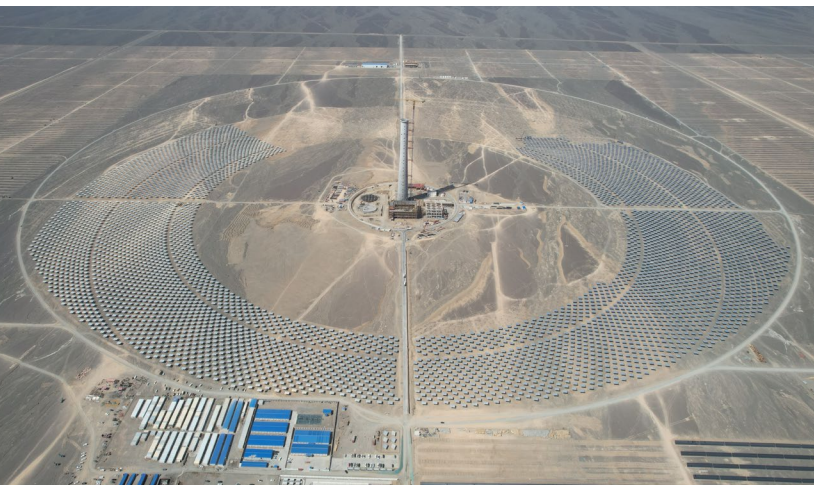
Until the end of April 2024, the 15,531 sets of heliostats have been installed, and the tower reached the top.



100MW

ENERGY CHINA ZTPC Xinjiang Turpan CSP + PV Integrated Project (100MW CT CSP)

Until the end of April 2024, the 5,375 sets of heliostats have been installed, and the tower reached the top.



100MW

POWERCHINA Turpan City Tuokexun County CSP + PV Integrated Project (100MW CT CSP)

Until the end of April 2024, the 784 sets of heliostats have been installed, and the tower has been constructed to 56 meters.



100MW

SPIC Xinjiang Turpan Shanshan Qiketai 100MW CSP Project

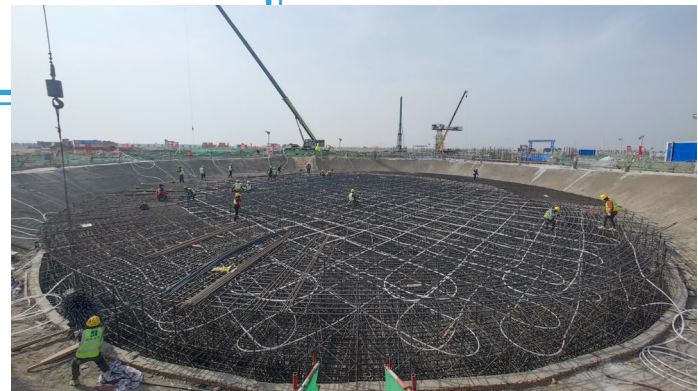
Until the end of April 2024, the 1,152 sets of heliostats have been installed, and the tower has been constructed to 162 meters.



100MW

CGN New Energy Jixilugu DC 490MW Hybrid Project (100MW CT CSP)

Until the end of April 2024, the heliostat assembly workshop and the foundation of the receiving tower under construction.



100MW

Jixi Base Jixilugu DC 1.4GW Hybrid Project Unit 1 100MW CSP

Until the end of April 2024, the heliostat assembly workshop is being installed.



100MW

CHN Energy Qinghai Qingyu DC 100MW CSP Project

Until the end of April 2024, the heliostat assembly workshop and the foundation of the receiving tower under construction.



200MW

CGN New Energy Delingha 1GW Hybric Project (200MW CT CSP)

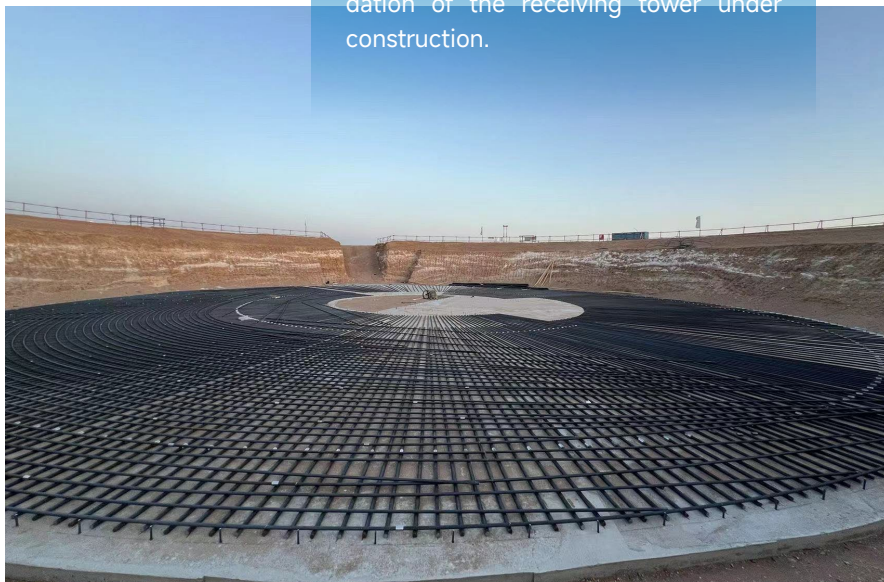
Until the end of April 2024, the heliostat assembly workshop and the foundation of the receiving tower under construction.



150MW

ENERGY CHINA Hami “PV+CSP+Storage” Multi-energy Complementary Integrated Green Electricity Demonstration Project 150MW CT CSP

Until the end of April 2024, the heliostat assembly workshop and the foundation of the receiving tower under construction.

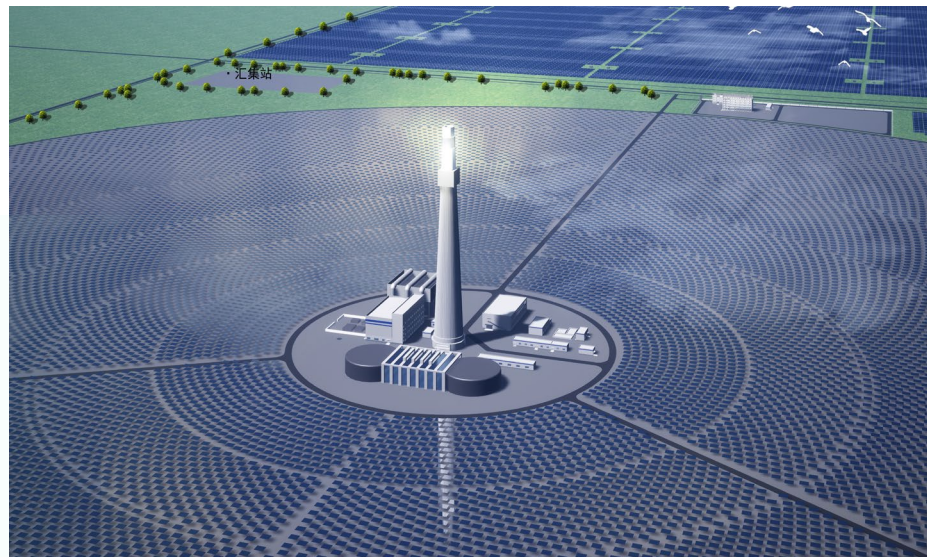


100MW

Luneng Fukang Hybrid Project (New Energy Marketization and Grid Connection Project)

100MW CSP Project

On April 22, 2024, we received the "Notification of Award" from Shandong Luneng Three Public Bidding Co., LTD., confirming that Cosin Solar won the bid for the solar field and MSR system equipment supply of the 100MW CSP part of the Luneng Fukang Hybrid Project (New Energy Marketization and Grid Connection Project) , meaning that Cosin Solar will provide advanced solar field and MSR system and related services to the Project.



- The former SUPCON SOLAR, officially renamed into Cosin Solar Technology Co., Ltd. ("Cosin Solar" for short) in July 2021
- Founded in 2010, focus on tower CSP and energy storage technology
- Independent R&D with fully patented technology and homebred equipment
- Technology consultancy, equipment integration, engineering services, etc
- Development, investment, construction, commissioning, operation of projects, etc