

Summary of key solar-thermal power projects under construction & in progress In China/

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Locations	Projects	CSP installed capacity	technology roadmap	status	Planned commissioning date
Qinghai	Qinghai-henan DC Transmission Project of Qinghai Hainan and Haixi Base (Bid Section 1)	100MW	Tower	Preparation	2024
	Qinghai-henan DC Transmission Project of Qinghai Hainan and Haixi Base (Bid Section 2)	100MW	Tower	Preparation	2024
	Qinghai-henan DC Transmission Project of Qinghai Hainan and Haixi Base (Bid Section 3)	100MW	Tower	Under construction	2024
	Three Gorges Energy Haixi Base Golmud Photovoltaic solar thermal project	100MW	Tower	Under construction	2023
	Solar thermal multi-energy complementary and source network load storage integration project of Republican County, Hainan Prefecture	100MW	Tower	Under construction	2024
	Haixi Delingha 2000MW optical and heat storage integration and Haixi Peak Adjustment Center Base project	200MW	Tower	Under construction	2024
Jilin	Jixi Base Lugu DC Baicheng 1400MW outbound transmission item 1-1	100MW	Tower	Under construction	2023
	Jixi Base Lugu DC Baicheng 1400MW outbound transmission item 2-1	100MW	Tower	Under construction	2023
Gansu	Dunhuang 700MW CSP+ photovoltaic pilot project	100MW	Linear Fresnel	Preparation	2023
	Yumen ENN 700MW CSP+ photovoltaic+ wind power demonstration project	100MW	Linear Fresnel	Under construction	2023
	Aksai Huidong New Energy Co., LTD. 750MW CSP+ demonstration project	110MW	Tower	Under construction	2023
	Guazhou 700MW CSP+ photovoltaic+ wind power complementary demonstration project	100MW	Tower	Under construction	2023
	Golden Tower solar energy "100MW CSP+ 600MW photovoltaic" project	100MW	Tower	Under construction	2023
Tibet	Xizang Zabuye Salt Lake Green comprehensive development and utilization of ten thousand tons of battery-grade lithium carbonate energy supply project	40MW	Parabolic trough	Under construction	2024
	CGN Ali 150MW "Zero carbon" solar thermal storage demonstration project	50MW	Parabolic trough	Under construction	2025
Xinjiang	"Solar thermal energy storage New Energy" integrated base project of Jinghe Xinhua New Energy Co., LTD	100MW	Tower	Under construction	2024
	Xinhua Hydropower Co., LTD. Bozhou 100MW CSP+900MW PV project	100MW	Tower	Under construction	2024
	100MW CSP + 900MW PV demonstration project in Ruoqiang County	100MW	Tower	Under construction	2024
	Sdic Ruoqiang County 100MW CSP+900MW PV project	100MW	Tower	Under construction	2024
	CSP+ PV integration project of Zhejiang Thermal Power Construction Co., LTD., China Energy Construction Group	100MW	Tower	Under construction	2024
	CSP+PV integration project of Henan Electric Power Co., LTD	100MW	undetermined	Under construction	2024
	Tangshan Haitai New Energy Technology Co., LTD. CSP+ PV integration project	100MW	undetermined	Under construction	2024
	Wusstone CSP+ PV integration Project in Tokxun County, Turpan City	100MW	Tower	Under construction	2024
	Datang Shicheng Zi 1000MW "CSP+PV" integrated clean energy demonstration project	100MW	undetermined	Preparation	2024
	Hami North 900MW PV + 100MW CSP project	100MW	Tower	Under construction	2024
	Three Gorges New Energy Hami 1000MW "CSP+PV" integrated comprehensive energy demonstration project	100MW	undetermined	Under construction	2024
	Hami "light (heat) storage" multi-energy complementary integration green electricity demonstration project of China Energy Construction	100MW	undetermined	Under construction	2024
	Luneng Fukang multi-energy complementary (and new energy market-oriented grid connection) project	100MW	Tower	Under construction	2024

Source : CSPPLAZA