



# Solar power plant near Jianhe River

Where is Kela PV power plant located?

Located in the Yalong River Basin in the Tibetan Autonomous Prefecture of Garze, Yajiang County in the southwest Sichuan Province, China is Kela PV Power Plant Phase I.

What is the Kela photovoltaic power station?

On July 8, 2022, the Kela Photovoltaic Power Station, the world's largest integrated hydro-solar power station, officially started construction. The Kela station is also the first phase of the hydro-solar complementary project of the Yalong River Lianghekou Hydropower Station.

Which is the world's largest integrated hydro-solar power station?

The Kela Photovoltaic Power Station is the world's largest integrated hydro-solar power station, and the first under-construction integrated hydro-solar power station of the Yalong River Basin Clean Energy Base, one of the country's nine major clean energy bases, in China's 14th Five-Year Plan.

How does Kela PV power plant work?

With the core of Kela PV Power Plant being based on hydro-solar collaboration, the facility doubles down on clean energy efficiency by feeding unstable solar directly into the Lianghekou Hydropower Plant, where it is regulated and stabilised to produce a reliable power source.

Sichuan Lianghekou Hydro/Photovoltaic Integrated solar power plant is an operating solar photovoltaic (PV) farm in Kela Town, Yajiang, Garze AP, Sichuan, China.

It is expected to install 2.45 million N-type solar modules, which are more efficient than P-types, making it China's largest solar power plant using only the N-type.

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The Kela project is the first hydro-photovoltaic power station to begin construction during the 14th Five-Year Plan period (2021-25) in the Yalong River Clean Energy Base.

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What appears to be a "PV sea" is actually the Kela PV Plant Phase 1, the world's largest, highest-altitude, and first GW hydro-solar hybrid power plant, with a total installed capacity of 1 GW and ...

On a snowy mountain at an altitude of 4600 meters in western Sichuan, rows of blue PV panels are generating electricity from solar energy, while the Yalong River is roaring in the distance. ...

Kela PV power plant is located at the West Sichuan Plateau with the highest altitude of 4600 meters. It is



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constantly affected by extreme weather conditions such as strong winds, blizzards, and freezing, ...

With an enhanced installed capacity of 1 million kilowatts, the Kela PV Power Plant features more than 2 million PV modules and connects to the Lianghekou Hydropower Plant through a 500-kV ...

As the first phase of the Lianghekou hydropower plant's hydro-PV complementary project, the Kela photovoltaic power station in Yajiang County is the world's largest and highest ...

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