

Solar Energy South Africa

Huanghe Photovoltaic Inverter



Overview

What is Huanghe hydropower?

Chinese state-owned utility Huanghe Hydropower Development (hereafter “Huanghe Hydropower”) successfully connected the 2.2 GW PV plant to the power grid in Hainan Prefecture, northwestern China's Qinghai Province.

Why did Huanghe start a solar PV project in Talatan?

When first planning for the PV project in Talatan, Huanghe sought ways to deploy PV power stations in a way that would benefit both the natural ecosystem and the PV industry. To absorb the impact of desert wind and sand on solar PV panels, Huanghe sowed pasture seeds around the PV park.

When did Huawei start using string inverters?

However, Huawei joined forces with Huanghe Company in 2013 to launch the first large-scale ground-mounted PV plant using string inverters at the Golmud PV plant in Qinghai, China. This marked a major breakthrough in string inverter development and kicked off an all-new industry trend.

When did string inverters become a trend in the PV industry?

In 2013, Huawei and Huanghe deployed string inverters in the Golmud PV power station in Qinghai, marking the first time string inverters were installed in a large-scale, ground-mounted PV plant. This broke the dominance of central inverters and spurred new development in the PV industry.

Where is the Qinghai PV plant located?

The grid-connected 2.2 GW PV plant is located in Qinghai Province at an average altitude of over 3000 m. Built in five phases, it consists of 672 PV arrays with over 7 million PV modules. Three 330 kV booster stations were constructed and string inverters were installed.

Is Gonghe the world's largest PV power station?

Gonghe PV power station isn't just the world's largest PV power station – it also boasts the shortest completion time of any new energy power plant, taking just one year from bidding to connecting to the grid.

Huanghe Photovoltaic Inverter



How the Sun Revitalized This Landscape, Community & Economy

In 2014, the two companies launched the smart PV solution based on string inverters to digitalize PV power stations. One year later, Huawei established the Smart PV Joint Innovation Center

...

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://ian-solar.co.za>