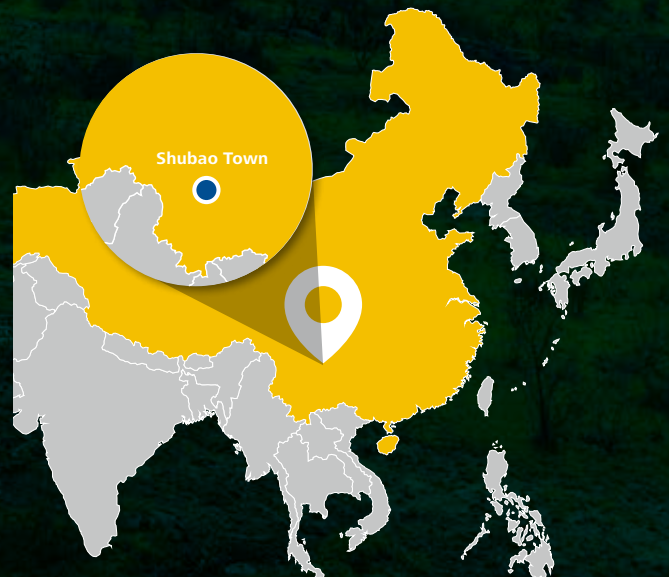




HUILI SOLAR CHINA

Clean, renewable energy from the sun



This solar farm in the Huili country of China delivers an average of 13,478MWh of energy to the local grid annually, reducing greenhouse gas emissions by providing a clean alternative to the burning of fossil fuels. In addition, the project creates jobs and promotes local social and economic development.

The Context

On the rolling hills of the Dahei Mountain in central China, solar PV panels harness the vast energy of the sun's rays to feed clean, renewable energy into the Central China Power Grid. Prior to the implementation of this project, the electricity delivered to the grid would have been generated by the operation of power plants fuelled by carbon-intensive coal combustion.

The Project

The Huili Solar Project has an installed capacity of 10MWp and generates approximately 13,478MWh of clean solar energy per year. By reducing the need for electricity from coal-fired plants, the project reduces approximately 11,566 tonnes of greenhouse gas (GHG) emission annually, and will reduce a total of 80,962 tonnes of greenhouse gas emissions for the first crediting period.

The Benefits

In short, this project is a clean, zero-emission renewable solar power generation project; there is no pollution and emissions during operation of the project. The local economy is improved by the project implementation, which creates 10 permanent positions for local people for its operation period and provides a regular salary that is higher than the local average income level of CNY 17373/year. The project also provides occupational health and safety training and professional knowledge training. Tax paid by the project will be used for local infrastructure construction and a wastewater greening system has been set up to recycle grey water created by the project.

Due to the arid - hot climate in the Dahei mountain, all wastewater from the project is treated then used as greening water



Gold Standard®



**GREEN
WATER**

treatment is implemented by the project, providing a sustainable resource for the local community



**13,478
MWh**

of clean energy generated per year, providing a clean alternative for the Central China Grid



**10
Jobs**

created in project operation, boosting the local economy



**11,566
tCO₂e**

on average reduced annually by displacing by energy from coal fired power plants, thus resulting in reduced coal consumption

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Huili Shubaoxiang Solar PV Power Generation Phase I Project | UNFCCC/markit/VCS link: https://mer.markit.com/br-reg/public/project.jsp?project_id=103000000005909
UNFCCC/markit/VCS ID: 5909

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