



GUANGXI SOLAR CHINA

Powering China with clean solar energy



This solar farm in southwestern China reduces fossil-fuel energy dependence and improves air quality by providing clean alternative energy to the local grid.



Because this project replaces carbon-intensive electricity, inhabitants of the area can now enjoy an improved air quality.

Due to a heavy reliance on fossil fuel energy sources, areas in China like Guangxi are now experiencing pollution and a deterioration in air quality from the presence of harmful greenhouse gases.

The Guangxi Solar project takes advantage of the most powerful energy source that exists, harnessing the sun's rays to generate energy that does not rely on the burning of fossil fuels. The project involves 125,010 Photovoltaic (roof mounted) panels with the total installed capacity of 30 000 (kW). This energy is then provided to the Guangxi Power Grid, reducing the emission of harmful greenhouse gases into the atmosphere.

Now, less fossil fuels are burned to meet electricity requirements in the area. By providing a clean energy source, this project reduces the amount of greenhouse gas pollutants being omitted in the Guangxi Province, which improves not only the environment but also the wellbeing of all inhabitants of the area.

PROJECT HIGHLIGHTS



A total of **30MWp** of clean alternative energy is generated by this project



The project serves as an example to China and the developing world for how renewable energy sources are an economically viable alternative to coal-fuel energy.



The project displaces the level of CO₂ emissions in the atmosphere by providing a cleaner energy alternative

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

CHECKLIST PROJECT

Commercial Operation Date

26 June 2013

Total capacity

30MWp

Quality Assurance and Verification

- Annual audit of GoldPower Accounting and Reporting Policy provided by PWC
- Annual electricity verified by CEPREI

Transparency

I-RECs listed in I-REC Registry

Marketing material

High-resolution pictures available

Reportability

Meets GHG Protocol criteria

I-RECs Standard



I-RECs reportable under



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