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Photovoltaic Ground Mounted System

Kaufbeuren > Germany



How to sensibly use surfaces

The initiators of the solar power plant in Kaufbeuren, Germany, considered it to be important to install their project on a surface that had almost no other possible use. They therefore selected the former military area of an airbase of the German Federal Armed Forces.

The PV plant was installed in two construction stages. It has an annual yield of approx. 2.4 million kilowatt hours of "clean" electricity which is fed into the public grid. Compared to conventional power plants this system saves about 1,700 tons of carbon dioxide.

A total of eight Sunny Central inverters are used. They are connected in pairs. Thanks to this concept the energy yield as well as the functionality and service life of the PV plant can be increased.

Owner of the solar power plant is GLS Gemeinschaftsbank based in Bochum. It offers the power plant as a solar fund to the general public.

Plant Size
2 MW_p

Location
Kaufbeuren, Germany

Operator
GLS Gemeinschaftsbank

Planning and Realization

SolarWorld AG
WindWelt AG

Commissioning

2004

Annual Yield

approx. 2.4 million kWh (1,200 kWh/kW_p)

CO₂ reduction

approx. 1,700 tons / year

Modules

12,896 modules SolarWorld SW150, 155 and 160

Inverter

6 Sunny Central 250
2 Sunny Central 150

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