GIEBELSTADT
POWER PLANT
GERMANY

GROUND MOUNTED INSTALLATION

→ Former military airfield used to produce enough electricity for 32,000 people
→ Local residents investors in solar power plant
→ Overperforming system delivering better than expected revenues and output

28 MW
SYSTEM SIZE

30,000 MWh
ANNUAL CAPACITY

20,000 TONS CO₂
SAVED ANNUALLY

POWER PLANT
INSTALLATION
Converting the former NATO airfield in Giebelstadt, Germany to also include a solar power plant is a win for the environment and approximately 7,700 households who benefit from green electricity.

“We are very pleased to have implemented this pioneering project together with REC. The plant’s investors are very happy with the overperforming system and high efficiency of REC solar panels.”

CHRISTOPH SCHMITT, MANAGING DIRECTOR, SOLAR-KONZEPТ ГMBH

IN THE FIELDS SURROUNDING THE RUNWAY of a former NATO airfield now exists one of the largest solar power plants in Bavaria, built by solar-konzept GmbH of Germany. From the very beginning of the project, the local community supported the initiative of using the available land to produce renewable energy.

Officially, the plant is divided into two parts: Giebelstadt I and Giebelstadt II. Giebelstadt I is owned by banks and private investors, including local residents from the city of Giebelstadt. STAWAG Energie GmbH (Stadtwerke Aachen), investors highly experienced in renewable energies, own Giebelstadt II. “We are delighted to have invested and be partners in this unique solar power plant that uses high-quality solar panels,” said Frank Brösse, Managing Director, STAWAG Energy GmbH.

Solar-konzept needed only three months to complete the construction and installation of the 40 hectare plant (about the size of 80 football fields). With the installation completed in mid-September 2011, the plant was already operational in December 2011.

In the plant’s first months of operation, all of the electricity produced has been fed directly into the grid and has already been overperforming – producing more electricity and generating more income than expected, making investors very happy.

Solar-konzept chose global solar panel manufacturers REC based on their track record of consistently delivering high quality and high performing products. The 28.3 MW system is made up of 120,000 REC solar panels, which will save approximately 20,000 tons of CO₂ each year, and supply approximately 32,000 people (or 7,700 households) with green electricity.

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