

GIEBELSTADT POWER PLANT GERMANY

GROUND MOUNTED INSTALLATION

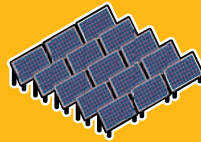
- Former military airfield used to produce enough electricity for 32,000 people
- Local residents investors in solar power plant
- Overperforming system delivering better than expected revenues and output

28 30,000 20,000

MW
SYSTEM SIZE

MWh
ANNUAL CAPACITY

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-KONZEPT GMBH



IN THE FIELDS SURROUNDING THE RUNWAY of a former NATO air field 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



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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.

PROJECT OVERVIEW

GIEBELSTADT POWER PLANT

GROUND MOUNTED INSTALLATION

Owner:

Giebelstadt I (Banks and private investors)
Giebelstadt II (STAWAG Energie GmbH)

Location:

Giebelstadt, Bavaria, Germany

Type of Installation:

Ground mounted power plant

System Size:

28 MW

Solar Panel Type:

REC 235 PE and REC 240 PE

Number of Solar Panels Installed:

120,000

Annual Capacity:

30,000 MWh

Completion Date:

September 2011

Partner:

solar-konzept GmbH



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