

SOLARPARK ALTHEGNENBERG

Althegnenberg, Germany



Project data

System name:	Solarpark Althegnenberg
Operator:	JAMUR Mobiliengesellschaft mbH & Co. KG a KGAL investment company
Energy company:	E.ON
Location:	Althegnenberg (Germany)
Commissioned:	September 2006
Completion time:	12 weeks

Technical data

Rated system power	2.191 MWp	No./type of modules	34,504 modules / FS-265
Annual energy yield	approx. 2,416 MWh	Inverter	4 x SMA SC 500 HE
Equivalent to the power consumption of	approx. 604 families**	Construction type	Ground-mounted system
Feed-in tariff/kWh	EUR 0.406	Tilt angle	30°
Feed-in tariff p.a.	approx. EUR 919,000	Frame technology	Phoenix ground-mounted frame, 2 rows
CO ₂ -savings p.a.	approx. 1,389 t*	Orientation	South

* Source: The evolution of carbon dioxide emissions within the German power mixture 1990-2008: 0.575 tons CO₂ saved per MWh (Umweltbundesamt FG I 2.5., Status March 2010)

** Source: Average power consumption of a family: 4,000 kWh (Verivox, Status 2010)

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Dr. Klaus Wolf, Managing Director of KGAL

“After the 5.3 megawatt system in Miegersbach, this is the second large-scale project which Phoenix Solar has constructed and commissioned for us in a highly professional, reliable, and punctual manner. We hope to be able to realise additional power plants with this competent and experienced partner.”

Continuation of a dependable collaboration

After the 5.3 MW plant in Miegersbach, KG Allgemeine Leasing GmbH & Co. (KGAL) contracted Phoenix Solar AG (previously Phönix Sonnen-Strom AG) to construct a solar power plant for a second time. This photovoltaic power plant provides an output of 2.2 MW, and is part of a solar fund initiated by KGAL. Thanks to the great support from the municipality of Althegnenberg and its citizens, it was possible to implement this large-scale project after a two-year planning and development phase, and it now supplies around 700 households with environmentally friendly solar power. The community of Althegnenberg in the district of Fürstentfeldbruck serves as a model, and is taking a further

step towards an energy revolution in the field of renewable energy sources. The community's goal is to be completely powered by renewable energy sources by the year 2030. At the opening ceremony, numerous mayors and community board members from surrounding districts informed themselves of the economic possibilities of photovoltaic systems. Due to its location directly on the railway route between Munich and Augsburg, the solar power plant is attracting the attention of a broad public. The order volume amounts to 8.5 million euros, and comprises 34,500 thin-film modules from the manufacturer First Solar.

The Solar Park is located directly on the railway route between Munich and Augsburg, and is thus attracting the attention of a broad public.

