

SOLAR PARK LA SOLANA

La Solana, Spain



System name:	Solar Park La Solana
Operator:	La Solana Solar Servicios Generales, A.I.E.
Energy company:	Union Fenosa
Location:	La Solana, Castilla La Mancha
Commissioned:	March 2008
Completion time:	26 weeks

Technical data

Rated system power	6,530 kWp	No./type of modules	40,320 modules / PHX-160V
Annual energy yield	approx. 9,607,000 kWh	Inverter	60 x SMA SC 100 NG
Feed-in tariff/kWh	EUR 0.44	Construction type	Ground-mounted system
Feed-in tariff p.a.	approx. EUR 4,361,000	Tilt angle	30°
CO ₂ -savings p.a.	approx. 8,954,000 kg*	Frame technology	Phoenix ground-mounted, 2 rows
		Orientation	South

* Source: German CO₂ offset calculation (0.932 tonnes of CO₂ avoided per MWh) based on data from BMU AGEE (Arbeitsgruppe Statistik Erneuerbare Energie) 2006.

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Dr. Klaus Wolf, Managing Director of KGAL

“The solar park La Solana is the first project which KGAL and Phoenix Solar AG have realised together in Spain. Thus, the collaboration which had already been proven throughout years of German photovoltaic projects could be extended to another European country, with the same level of quality and reliability.”

Repeat customer invests in Spanish sunshine

KG Allgemeine Leasing GmbH & Co (KGAL), a regular customer of Phoenix Solar AG, oversees construction of a solar power plant in Spain, with an output of 6.5 MW. In several previous joint projects with KGAL, Phoenix Solar has proved itself a competent and reliable partner in the planning and construction of solar power plants. With the largest photovoltaic power plant in the company's history to date, Phoenix is further increasing its market share in sunny Spain. The Spanish subsidiary Phoenix Solar S.L. in Madrid is already in negotiations for additional megawatt projects in Spain. As financial service provider,

KGAL has identified Spain as a highly profitable market for solar power, and expects an annual energy yield of almost 10 million kilowatt hours. For four decades, KGAL has been providing innovative financing solutions, as well as conceiving and managing attractive participation offers for private and institutional investors. By means of solar funds, KGAL combines high and reliable returns with active environmental protection.

The open plains of Spain are ideal for solar power plants, with minimal intervention in the landscape.

