

SAN CLEMENTE / VILLANUEVA DE LA JARA Spain



System name:	San Clemente
Operator:	San Clemente Solar Project S.L.
Energy company:	Iberdrola
Location:	San Clemente
Commissioned:	September 2008
Completion time:	9 weeks

System name:	Villanueva de la Jara
Operator:	San Clemente Solar Project S.L.
Energy company:	Iberdrola
Location:	Villanueva de la Jara
Commissioned:	September 2008
Completion time:	6 weeks

Technical data San Clemente

Rated system power	5,281 kWp
Annual energy yield	approx. 8,299,000 kWh
Feed-in tariff/kWh	EUR 0.43
Feed-in tariff p.a.	approx. EUR 3,581,000
CO ₂ -savings p.a.	approx. 7,230,000 kg*
No./type of modules	17,280 FS 270 modules 56,160 FS 272 modules
Inverter	10 x Xantrex GT500E
Construction type	Ground-mounted system
Tilt angle	30°
Frame technology	Phoenix ground-mounted system
Orientation	South

Technical data Villanueva de la Jara

Rated system power	5,331 kWp
Annual energy yield	approx. 8,266,000 kWh
Feed-in tariff/kWh	EUR 0.43
Feed-in tariff p.a.	approx. EUR 3,567,000
CO ₂ -savings p.a.	approx. 7,220,000 kg*
No./type of modules	14,400 FS 270 / 7,200 FS 272 14,400 FS 275 / 16,800 PHX 160
Inverter	10 x SMA SC500HE EVR
Construction type	Ground-mounted system
Tilt angle	30°
Frame technology	Phoenix ground-mounted system
Orientation	South

* Source: German CO₂ emissions calculation (0.932 tons CO₂ saved per MWh) based on data from the German Federal Ministry for the Environment's Working Group on Renewable Energies/Statistics (BMU AGEE) 2006.

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Dr. Klaus Wolf, Managing Director of KGAL

„Our fourth solar energy fund offers all the advantages of a real capital investment. With turbulent times in the financial markets, investors are participating in real estate that is completely independent of the world stock exchanges, and is also a sustainable, future-oriented technology. With the 6th and 7th photovoltaic projects in collaboration with Phoenix Solar AG, we were able to make perfect use of the financial markets.“

The success story of KGAL and Phoenix Solar continues

In September 2008, only six months after commissioning the successful La Solana solar park with a capacity of 6.5 MW, two more KGAL power plants were connected to the Spanish grid. With a completion time of just three months, Phoenix Solar again demonstrated its expertise in power plant construction. As with the La Solana solar park, the two new solar parks with a total capacity of 10.5 MW are situated in the sunny region of Castilla La Mancha, between Madrid and Valencia.

Tariff remuneration for both plants was secured under the old Royal Decreto (Renewable Energy Act), facilitating a very attractive profit.

When designing the solar fund, KGAL placed great importance on a balanced risk/opportunity profile. Investors prefer material assets that are independent of the stock exchange and profit from the statutory tariffs for solar power.

In partnership with Phoenix Solar, KGAL has now set up two solar energy funds in Germany and two in Spain. In their first two years of operation, the German solar funds have clearly exceeded forecasts with a value increase of approximately 4%. In accordance with forecasts for the La Solana solar park in Spain, there was a dividend distribution of 10% on invested capital for the first year.

Crystalline PHX modules and thin film modules from First Solar supply clean electricity at the Villanueva de la Jara project.

