micó

Energías Renovables sl

Renewable Energy Projects

MICÓ ENERGÍAS RENOVABLES, S.L

Avinguda Xàtiva, 40

03820 **COCENTAINA** (Alicante) SPAIN

Tel.: +34 965 592 338 - Móvil: +34 638 101 117

Fax: +34 965 593 395

e-mail: info@micosolar.com

www.micosolar.com

Company description

The company: MICÓ ENERGÍAS RENOVABLES SL

Since its creation in March 2005, Micó has become a leading renewable energy company, mainly in the field of photovoltaic power plants.

Based on production forecasts, calculations and personalised economic profitability studies and solid experience, the Engineering department elaborates a prediction report on the performance of any solar power plant. Quality and safety criteria are guaranteed due to the high standards of assembling system and the quality of materials employed.

Micó develops all kind of projects, for large and small facilities, and any type of business or individuals. With a highly qualified team, turn-key projects are developed, with Micó supervising each step of the job, from facility contracting to client delivery and post-sell service.

LINE OF BUSINESS

TURN-KEY SOLAR PROJECTS; (roof/ground)

- System Design and installation
- Construction supervision
- Technical management, engineering
- Operation control
- Maintenance

The first solar grid-connected power plant was built in July 2005.

The plant is located in Muro de Alcoy and it was the first one of this kind (grid-connected) in the area of Alicante.

100 kW solar power plant in Muro de Alcoy (Alicante)

Since then, Micó has been installing solar power plants for companies and particular owners and for this reason we have a solid experience in planning, building and putting into operation roof and ground solar power plants.

100 kW Solar Power Plant (Alicante)

100 kW Solar Power Plant (Alicante)

Besides, Micó, in collaboration with another Spanish engineering company has built a 2 MW Solar Power Plant in the province of Murcia, which was connected in September 2008.

2,3 Mwp Solar Power Plant in Murcia

RURAL ELECTRIFICATION

- Solar panels
- Wind turbine (adds up to power)
- Inverter
- Batteries

These systems are mainly used for rural homes in the countryside. The most specific element in a stand-alone system is the batteries, which make possible to achieve supply parameters similar to those of the conventional grid.

Solar panels generate electricity using solar radiation, but they are limited to daylight hours. With the use of a wind turbine, a stable electricity production is guaranteed throughout the entire year. The number of solar panels and the turbine power depends on the total energy required for the facility.

Based on its experience, Micó Energías Renovables can be the best provider of solar engineering, construction supervision, personalised electrification design and material supply.

HEATING AND COOLING WITH SOLAR ENERGY

An Indoor climate sollution with a unique ability to store energy and convert hot water to cooling and heating without the need of electricity.
Our customers can significantly reduce electricity consumption, resulting in a low cost of ownership and an environmentally clean solution for residential, commercial and industrial buildings.

Solar Cold and Solar Water heating in a house in Alcoy (Spain).

Solar water heating for domestic hot water and undefloor heating in a house in Cocentaina (Spain).

SOLAR THERMAL ENERGY

It offers a high safe potential in costs the same at home economy as in industry in general. The initial investment is wickly compensated in a very few years because a conventional energy is replaced by solar energy with zero costs. Using plain solar collectors you can get more than 70% of the solar energy heat. This heat can be profitable to reduce the use of fossil combustible.

We install solar thermal energy in:

- **Housing:** Full equipment for hotwater and heating.
- **Industry:** According to the customers needs, we make a suitable study in order to get an energy savings.
- **Hotels:** Due to the high spending of hot water in hotels, solar thermal energy achieve high profits.

Solar water heating systems.

Thermosiphon systems.

Forced systems.

Solar pool heating in Muro (Spain).

Solar water heating in a hotel.

GENERALITAT VALENCIANA

IMPIVA

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Una manera de hacer Europa