



Nota de Prensa

The biggest solar photovoltaic installation in the Valencia region has been built at Onda, Castellón

? BP Solar was responsible for the design of the plants, the supply of all the solar equipments and set up the installation.

? This project represents a saving of 800 tonnes of CO2 emissions per year and will generate electricity equivalent to the consumption of 200 families.

Madrid, March 2006.- The biggest photovoltaic installation in the Valencia region is located in the town of Onda, in the province of Castellón. This complex is composed of six solar plants built on the same site. Each of the plants is owned by a private investor, which commissioned BP Solar to design the installation, supply the equipment and set up each plant.

The land where these plants have been located have no agricultural use hence the environmental impact of the site has been low. The complex is located in an area where there is no shade and it has been designed to respect the surroundings as far as possible. 624 photovoltaic panels have been installed for each plant supported by south facing metallic frames placed at a 30° slope. A total of 3, 744 BP Solar photovoltaic panels have been installed in the six plants as a whole.

Each solar plant has a capacity of 99,840 Wp per unit and will generate 138,000 kWh per year. Overall, the six installations will generate 828,000 kWh per year. The total amount of electricity produced by the plants represents a saving of over 800 tonnes of CO2 emissions per year and it is equivalent to a plantation of 50,000 trees. The electricity to be produced is equivalent to the consumption of 200 families.

This is a remarkable project, demonstrating the suitability of using solar energy in rural areas which are no longer suitable for crop growing. The project has been subsidised by the Instituto de Crédito Oficial (Official Credit Institute) and the Instituto de Diversificación y Ahorro Energético (Institute of Diversification and Energy Saving).



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Note for the editors.

BP 3160 solar modules have been used in this installation, which are composed of 72 multi-crystalline silicon cells in series. These modules have been designed to provide first-class reliability and performance. Their efficiency level stands at 12.7% and they carry a 25-year warranty. The maximum unit power per module is 160 Wp and the minimum guaranteed capacity is 155 Wp. Each solar plant is made up of 624 photovoltaic panels using the **BP 3160** module on 19 south-facing metallic frames.

BP Solar

BP Solar is a leading company in Europe in the design, manufacture and marketing of solar photovoltaic systems for a wide range of applications in the residential, commercial and industrial sectors. With over 2200 employees worldwide (over 550 in Spain) and more than 30 years of experience and installations in over 160 countries, BP Solar is one of the world's largest solar companies and has manufacturing facilities in the U.S., Spain, India and Australia.

BP Solar's European head office is located in Madrid, where have two manufacturing plants: a manufacturing line for solar photovoltaic cells and a module assembly plant.

It is part of the BP group, one of the biggest energy groups in the world, dedicated to the production of oil, natural gas and renewable energies.

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