



HELIOS POWER



PROJECT

# VALCHEDRAM SOLAR PARK FULLY OPERATIONAL FROM 29.08.2011

The site was assigned by Helios Power for construction of a solar generator after a detailed preliminary study conducted by Helios Power's reported and certified consultants, the Central Lab of Solar Energy and New Energy Sources in the Bulgarian Academy of Sciences (CLSENES at BAS).

The site is situated in the industrial area of the small town of Valchedram, N-W Bulgaria. It is flat, perfectly oriented to North-South direction, with existing independent infrastructure, road communication and entrance access available.

**SIZE OF THE PLOT** is 4,0 ha, fully owned by the SPV Solar Valchedram EOOD.

**THE LOCATION IS AT LAT.** 43°41' 54" N, Long. 23°26' 04" E; Altitude 60 m, NW Bulgaria.

**GRID CONNECTION:** The park is connected to the 20kV grid thru step-up transformers and cable line to the existing 20kV OHL line, owned by distribution company EVN.

## TECHNICAL EQUIPMENT PROVIDER

Mitsubishi International Corporation ([www.mitsubishicorp.com](http://www.mitsubishicorp.com))

### PV Module Type

CSUN 230-60P ([www.csun-solar.com](http://www.csun-solar.com)), produced by CEEG Nanjing Renewable Co. Ltd. ([www.ceeg.cn](http://www.ceeg.cn)).

### INVERTER

String Inverters Sunny Tripower 15000TL/17000TL, produced by SMA Solar Technology AG ([www.sma.de](http://www.sma.de)).

### SUPPORT STRUCTURE

Fixed Type — produced by Ellon ([www.ellon.eu](http://www.ellon.eu)).

### PROJECT FINANCING

Under a long term bank loan facility.