

Parabolic trough plant Casablanca



SENER XENERGY / XRENEWABLE AND LOW-CARBON SOLUTIONS GENERATION / XSOLAR / SPAIN

*PARABOLIC TROUGH
PLANT CASABLANCA*

**Cliente: COBRA Sistemas y Fecha inicio: enero del
Redes (ACS) 2011**

País: Spain Fecha fin: enero del 2013

Power generation plant of 50 MW located in Talarrubias, Badajoz, Spain.

The technology of the plant is parabolic through collectors. The owner is COBRA Systems y Reds (ACS). Sener is the EPC risk sharing partner and responsible for the complete design.

- Project Data:
- Total mirror surface: 510.000 m².
- Number of SCA/loops: 624/156 (SENERtrough®).
- Field surface area: 195 Ha.
- Nominal solar field thermal output: 262 MWt.
- Thermal Storage Capacity: 1.010 MWht (7h).
- Turbine capacity: 50 MWe.
- Contract type: EPC.

