



SENSOL: a platform for profitable power plant designing



SENER DIGITAL / INDUSTRY / SPAIN

*SENSOL: A PLATFORM
FOR PROFITABLE POW-
ER PLANT DESIGNING*

**Cliente: Cliente: Andasol 1
y Gemasolar (España) |
Ouarzazate Solar Park -
Midelt (Marruecos)**

País: Spain

SENSOL is a piece of software created by SENER that enables **technical and financial optimization** in the design of renewable power plants including solar, hydro, battery storage, biomass and hybrid power. It can create thousands of possible alternative designs for each project and can calculate the CAPEX, OPEX, production and annual consumption of each one. These parameters will allow you to decide which will generate the lowest levelized cost of energy (LCOE).

With SENSOL you can establish the most profitable design in complex projects with ease and precision, thanks to its optimization algorithms and its detailed modeling of whichever plant type you decide.



Technical
and financial
project inte-
gration

Find the
design
with low-
er energy
costs

Precise,
easy
analysis

WHAT SENSOL DOES

- Plant design.
- Calculation of deliverables.
- Financial optimization of projects.
- Operational support tool.
- Generation of bankable models to check the deliverables.
- Integration of the technical and financial aspects of projects.
- Wide range of technologies covered.

Digital

