



CONERGY

Reference Project | Solar Parks

Hemau Solar Park, Germany



This solar power plant in southern Germany - one of the world's largest photovoltaic installation - was built on a former ammunition depot in the rural district of Hemau, near Regensburg. The solar park comprises 32,740 solar modules with a peak output of more than 3.9 megawatts. The output of the solar park's 40 separate photovoltaic arrays would be sufficient to largely cover the electricity needs of Hemau's 4,600 inhabitants. Operating the system will also reduce greenhouse gas emissions by more than 82,000 tons of CO₂, over the next 20 years.

The solar park presented a special challenge for the project engineers. The aim was to integrate the photovoltaic installation harmoniously into the site by using existing infrastructure. The result was a 18-hectare site which included numerous open areas to provide an ecological balance.



Data

Location	Hemau, Germany
Type of System	Grid-connected
Installed Capacity	3.965 MWp
Type of Module	32,740 polycrystalline BP modules
Inverter	40 x Siemens Sinvert solar
Construction	Solar Gigant H, Conergy

HEMAU-PP-ENG-0802