

CUSTOMER REFERENCE

SOLAR/2009/001



PROTECT PV.250: 2.86 MW SOLAR FARM

AEG Power Solutions central inverters exhibit outstanding efficiency and availability. In the Hessian town of Hungen, abakus solar AG built an outdoor-site solar farm with elevated PV installations covering an area of 80,000 m² that was connected to the grid in late 2009. Property developer, Hungen municipal utilities, have achieved an overall peak output of up to 2.86 megawatts. An important contribution to this performance was made by Protect PV.250, a solar inverter designed by AEG Power Solutions. With a proven efficiency rate of 98.7% according to the European standard 50530, this inverter not only exceeds the expectations for this performance class, but is also outstanding when it comes to its high degree of availability. "The installation operates very reliably," said Thomas Weichmann, Department Head of Technical Services of the Hungen utility company.

CUSTOMER INFORMATION



abakus solar AG, Germany

(TECHNICAL) SPECIFICATIONS

Location	Hungen / Hessen, Germany
Investor/owner	Hungen Utility Company
Constructor	abakus solar AG
Ground size	80,000 m ² / 30.89 mi ²
Inst. nominal power	2.856 MWp
Modules	Polycrystalline, AU Optronics Corp
Number of modules	12,672
CO2 reduction	1,900 Tons per Year
Inst. nominal power	250 kWp
Products AEG PS	1 x Protect PV.250, 1 x TKS-C Container solution
Commissioning	22 December 2009
Estimated service life	Mind. 20 Years