

# Sambach Turkey Farm

Mühlhausen, Thüringen, Germany

# NAPS

Power of Light



Solar electricity power plant installed on a number of roofs of a turkey farm in Mühlhausen, Germany. The system feeds electricity directly into the grid and was designed to maximize the electricity generation from the available roof area. The turkey farm simply provided a suitable location and roofs for the system. The installation was made at the same time as the roofs' renovation.



Completion	June 2010
Owner	3TR Solar GmbH
Location	Mühlhausen, Thüringen, Germany
Coordinates	51°13'33"N 10°25'02"E
Direction and tilt angle	South-West, 20°-30°
Total array power	621,1 kW <sub>p</sub>
Estimated annual generation	528.000 kWh
Total module surface area	4.040,0 m <sup>2</sup>
Quantity of solar modules	2.967
Solar module type	Several
Solar module power	170-240 W <sub>p</sub>
Cell type	6" polycrystalline silicon cells
Mounting concept	Naps mounting structure on metal roof
Inverter type	Refusol, several
Number of inverters	49

Naps Systems Ltd is a specialist in solar electricity systems and solutions. We design and deliver optimal solutions for all needs and applications globally. During our 30 years of history, we have delivered more than 200.000 systems to more than 120 countries on all continents.