

# Sambach Turkey Farm

Mühlhausen, 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, Germany
Coordinates	51°13'33"N 10°25'02"E
Total array power	621,1 kW <sub>p</sub>
Total module surface area	4.040,0 m <sup>2</sup>
Direction and tilt angle	South-West, 20°-30°
Estimated annual generation	528.000 kWh
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

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