

German School

San Salvador > El Salvador

Plant Size

20 kWp

Location

San Salvador, El Salvador

Operator

German School San Salvador

Planning and Realization

Phoenix SonnenStrom AG

Commissioning

2005

Annual Yield

approx. 30,000 kWh (1,500 kWh/kWp)

CO₂ reduction

approx. 21 tons / year

Modules

ASE Photowatt

Inverter

1 Sunny Boy 850

2 Sunny Boy 2500

4 Sunny Boy 3000

Learning with the sun

With a peak power of 20 kilowatts the photovoltaic plant of the German School in San Salvador was commissioned as the first grid-coupled solar system in Central America in 2005. The plant was installed as part of the Solar Roof Program of the German Energy Agency (DENA), a program for developing the market for German solar technology abroad.

The major part of the power is used by the school and the kindergarten. Only the electricity surplus on weekends and during vacation time is fed into the public grid of the local energy company.

The students of the German School are already familiar with their solar power plant, because the large-scale display installed in the foyer always displays the current performance data and the amount of carbon dioxide saved.



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SMA Solar Technology AG