

This project was faced with a requirement to ensure minimal land use while maintaining maximum PV Power generation.

A complete implementation from planning to commission by Frankensolar, in this specialist East by West mounting approach.

A nominal capacity of 10MW was achieved.

### **Key Information**

- High level of acceptance among the local population through cooperative sale
- Lower cost by 40 percent Land use due to the east-west orientation
- Lower peak current load of the power grids (Peak Lopping)

### **Benefits**

- PV solar power generation investment access for the whole community
- East by West orientation of the modules enables highest energy density
- High returns through optimized, innovative site planning and execution

## Technical Data

Module	Hareon
Inverter	Diehl AKO
Total PV Power	9.98 MWp
Annual Yield	9,182 MWh
CO <sub>2</sub> - Reductions	8,079.8 t/a



Community owned solar power on a utility scale