

Getting to the heart of quality

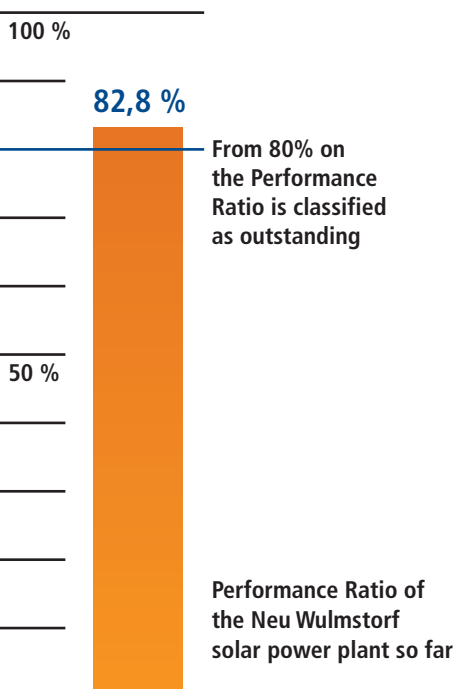
- Outstanding Performance Ratio of 82.84%
- Average yield per year 995 kWh/ kWp
- 14.5% surplus in comparison to other PV installations within that region



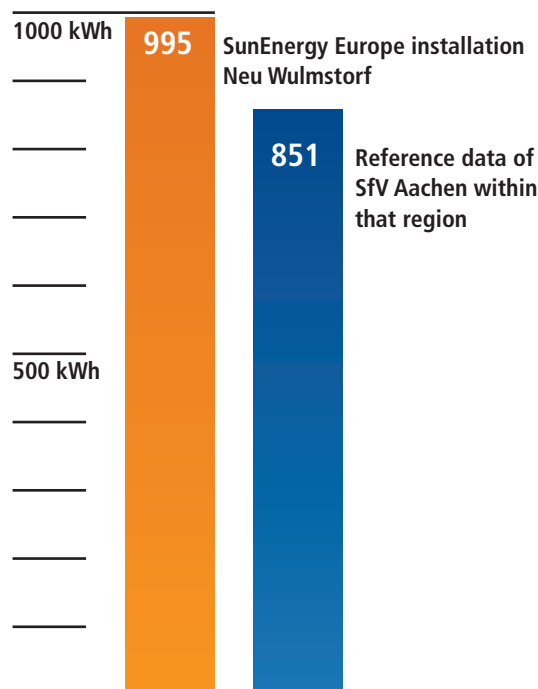
501 kWp Solar power plant Neu Wulmstorf, Germany



Performance Ratio



Previous yield in kWh per year



Location

- Neu Wulmstorf (south of Hamburg, Germany)
- Former landfill

Technical Data

- Ground mounted installation
- Nominal power: 501.12 kWp
- Estimated energy production: over 400,000 kWh per year
- Actual energy production: 498,495 kWh per year
- Actual CO₂-savings: 300 tons per year

Duration of project

- Start of construction 27.4.2005
- Connection to grid: 25.7.2005

PV Modules

- Module type: Sharp, multicrystalline, 160 Wp
- Number of modules: 3,132

Inverters

- SMA: 1 x Sunny-Central 250, 1 x Sunny-Central 200

Mounting system

- 196 module tables for 16 modules each
- 392 pre-fabricated foundations, armored concrete C25/ 30