



CSIR Solar Plant

Location

- Council for Scientific & Industrial Research (CSIR) campus, Pretoria

Basic information

- Installed capacity 558 kWp
- Module surface 8,000 m²
- Projected annual energy yield approx. 1,189,000 kWh / year
- Pollutants prevented approx. 1,200 tons CO₂ per year
- Grid connection 09/2015

Solar power details

Number of modules | Module type 1,800 | BYD 310 P6C-36

Module manufacturer BYD, China

Number of inverters | Type 8 | SMA STP 60

Manufacturer of inverters SMA, Germany

Racking system Pia Solar Contour+ Single Axis Tracker, South Africa

Mode of operation Self Consumption

Expected useful life 25 years

