



Concrete block foundation: individually designed foundation technology especially for waste dumps which ensure, that the foil will not be damaged.



The solar park is monitored using remote data transmission methods and monitoring software which offers a high level of internet support.



Electrical design in the solar park: 43,320 solar modules laid out in 1,805 strings. 14 central inverter stations. Each has a transformer station. The length of the cables from the string-monitors to the inverters is 175 km, from the modules to the string-monitors 375 km.



Scatec Solar  
Improving our future™

Headquarter Oslo, Norway

Scatec Solar AS

Sommerrogaten 13-15  
NO-0255 Oslo, Norway

[www.scatecsolar.com](http://www.scatecsolar.com)



solar park Sulkov  
10.0 MWp



## Profile of the solar park Sulkov

### Basic data

Size of area	67.296 hectares (solar field)
Location:	Czech Republic, community of Sulkov E 13° 18' N 49° 42'
Installed capacity:	10 MWp (nominal, DC)
Electrical design:	14 inverters, 227 string-monitors
PV modules:	43,320 PV modules in 1,805 strings (220 - 240 Wp each, Si, polycrystalline)
Global Solar Irradiation:	1,088 kWh / m <sup>2</sup> / year (in horizontal plane)
Specific yield:	approx. 1018 kWh / kWp p.a. ("normal" year)
Performance Ratio:	approx. 83.3 %
Energy yield:	approx. 10,180,000 kWh per year (first full year)

### Ecological profile

CO <sub>2</sub> savings	approx. 6,108 t per year
Clean energy for	8,483 citizens (approx. 1,200 kWh per year / citizen energy consumption)