



# PV Power Plant Groß Dölln, Germany

**Country**  
Germany

**Year of Mandate**  
2012

**Year of Commissioning**  
2012

**Key Technical Data**

Total capacity: 138 MWp

PV technology: cadmium-telluride

Inverter manufacturer: SMA  
Solar Technology

Grid connection: 380 kV  
substation incl. 16 MVA reactive  
power compensation

## Technical Due Diligence of a 138 MWp PV Power Plant

### The objectives of the assignment were:

- Assessment on the technical performance of the project
- Assessment on the ability to complete project on time and on budget
- Assessment on technical performance level and ability to sustain it over entire economic life
- Determination and and quantification of technical risks and consequences of occurrence of such risks on the completion of the project and during the economic life

### The scope of work covered the following aspects:

- Determination of expected annual energy yield
- Review of licenses and permits
- Technical design review
- Review of grid connection
- Support in negotiation of project contracts
- Construction monitoring
- Management of technical acceptance including acceptance testing