



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 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