PV Power Plant Miegersbach, Germany

Country
Germany

Year of Mandate
2004

Year of Commisioning
2005

Key Technical Data
Total capacity: 5 MWp
PV technology: poly crystalline
Inverter manufacturer: SMA Solar Technology
Grid connection: 20 kV substation

Technical Due Diligence and Technical Inspection for a 5 MWp PV Power Plant

The objectives of the assignment were:

- Identification of technical risks and development of measures for limitation and mitigation of risks
- Review of the status of relevant licences and permits required for the construction and operation of the project
- Review of electric grid requirements and check of the compliance of the power plant
- Inspection of the power plant
- Technical controlling

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
- Verification of production numbers
- Regular inspections of power plant (annual)
- Consultancy in repair and budget questions
- Assistance in warranty and insurance claims
- Support in operational and economical improvements
- Regular reporting to owners / banks

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