

PV Power Plant Gamma, Romania

Country
Romania

Year of Mandate
2014

Year of Commissioning
2013

Key Technical Data
Total capacity: 50 MWp
PV technology: poly crystalline
Inverter manufacturer: SMA
Solar Technology
Grid connection: 110 kV
substation incl. 8 MVA reactive
power compensation

Technical Due Diligence and Technical Controlling for a 50 MWp PV Power Plant

The objectives of the assignment were:

- Identification of technical risks and development of measures for limitation and mitigation of risks
- Management of technical acceptance including acceptance testing
- 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 (annually)
- Consultancy in repair and budget questions
- Assistance in warranty and insurance claims
- Support in operational and economical improvements
- Regular reporting to owners / banks