

PV Power Plant Pennycae, UK

Country
UK

Year of Mandate
2015

Year of Commissioning
2016

Key Technical Data
Total capacity: 5 MWp
PV technology: poly crystalline
Inverter manufacturer: SMA
Solar Technology
Grid connection: 11 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

The scope of work covered the following aspects:

- Evaluation of expected annual energy yield
- Review of licenses and permits
- Technical design review
- Review of grid connection
- Support in negotiation of project contracts
- Inspection of power plant