

## PV Power Plant Pennycae, UK State State Power State State

Country

UK

Year of Mandate

2015

Year of Commisioning

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