

# PV Power Plant

## Talayuela, Spain

**Country**  
Spain

**Year of Mandate**  
2018

**Year of Commissioning**  
2020

**Key Technical Data**  
Total capacity: 300 MWp  
PV technology: poly crystalline  
Inverter manufacturer: Huawei  
Grid connection: 400 kV substation  
Tariff scheme: PPA without subsidy

## Technical Due Diligence for a 300 MWp PV Power Plant

### The objectives of the assignment were:

- to determine and quantify the technical risks and to develop measures for limitation and mitigation of those risks and
- to collect and analyze the information necessary to assess the technical performance of the project and to sustain over its economic life certain performance levels

### The scope of work covered the following aspects:

- Evaluation of expected annual energy yield
- Review of licenses and permits required for the construction and operation of the project
- Technical design review
- Review of grid connection
- Review of electric grid requirements and check of the compliance of the power plant
- Support in negotiation of project contracts
- Inspection of power plant