



PV Power Plant Puerto Rico

Country
Puerto Rico

Year of Mandate
2016

Year of Commissioning
2017

Key Technical Data
Total capacity: 52 MWp
PV technology: poly crystalline
Inverter manufacturer: Schneider Electric
Energy storage system: Saft Intensium Max
Grid connection: 115 kV substation

Technical Due Diligence for a 52 MWp PV Power Plant with Energy Storage System

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 all authorisations, licences and permits required for the construction and operation of the project
- Review of characteristics of the electric grid and analysis of dispatching risks
- Check of the power plant's compliance with electrical installation standards

The scope of work covered the following aspects:

- Determination of expected annual energy yield
- Review of licenses and permits
- Site suitability assessment
- Technical design review
- Review of grid connection
- Support in negotiation of project contracts