

# PV Power Plant Puerto Rico

## 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