

Solar power projects Checklist

1. Project Details

- 1.1. Project description with all important parameters
- 1.2. Position of site on a topographic map 1:25 000 in digital form (JPG, TIF) in UTM (WGS84) – coordinate system
- 1.3. Zoning map (development plan)
- 1.4. List of all land owners affected by the foundations, building sites, transformer stations and access roads
- 1.5. List of all land owners affected by cable lines for cabling, delivery lines to transformation stations, transmission station and telephone connection
- 1.6. Contracts with the land owners of all affected properties as listed above

2. Photovoltaic Module and Transformer Manufacturer

- 2.1. Purchase contract for the Modules including all appendixes and guarantees
- 2.2. Maintenance contract for the Modules and Transformers including all appendixes

3. Plans

- 3.1. Site and Implementation plan for construction sites
- 3.2. Implementation plan for foundations
- 3.3. Site and Implementation plan for the internal cabling
- 3.4. Site and Implementation plan for the grid connection

4. Electrical Connection

- 4.1. Technical description of the grid line and the electrical connection incl. feed-in points
- 4.2. Grid dimensions and calculation of grid losses
- 4.3. Single line diagram –internal cabling
- 4.4. Single line diagram – grid connection
- 4.5. Grid connection contract and grid connection terms and conditions

5. Energy Production Evaluation

- 5.1. Solar Radiation Report
- 5.2. Raw data of all measurements at the location and long term data
- 5.3. Calibration protocols
- 5.4. Energy yield Report based on selected technology

6. Approval Process of Notifications and Obligations

- 6.1. List of all legal notifications with corresponding validity periods
- 6.2. Objections and statements in the approval process
- 6.3. List of all obligations & requirements and compensation measures contained in the permissions and notifications
- 6.4. List of all voluntary und obligatory (cost-incurring) compensation measures which are part of the project

7. Regulatory Framework

- 7.1. Legal due diligence report on regulatory framework
- 7.2. Legal due diligence report on permitting process
- 7.3. Legal due diligence report on ownership structure