



# Solar Power (Photovoltaics)

Solar energy is one of the most widely used renewable sources replacing the hydrocarbon-based generation. We support energy producers, system operators, project developers, packagers and other stakeholders to develop, build and operate photovoltaic (PV) and concentrated solar power (CSP) plants.



## Your Benefits

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- Discover all necessary information for a sound investment decision
- Get advice in both new and upgrade generation projects
- Engineering, operation and maintenance services with an ownership vision
- Full service as Owner's and Lender's Engineer
- Supplement your company's internal resources needs



## Our Scope

### Development services

- Project review and risk assessment
- Site investigations
- Due Diligence
- Feasibility studies
- Project development and scheduling
- Permitting support
- Environmental studies
- Project contracting strategies

### Engineering and construction services

- Engineering design reviews
- Preliminary and tender design
- Project procurement strategy
- Cost estimates
- Contract documents
- Tender evaluations
- Project planning
- Project management
- Construction supervision
- On-site inspections
- QA/QC
- HSE Management
- Performance testing supervision
- Hand-over and take-over support
- Arbitration and litigation support

### O&M consulting services

#### Short-term mobilisation

- O&M strategy consulting
- O&M planning support
- Start-up and performance test support
- Knowledge transfer, trainings and recruitment

#### Medium-term commercial optimisation

- Improvements of availability, reliability and lifetime
- Optimisations of maintenance and fuel usage
- Reductions of outages and costs
- Continuous improvement procedures

