



# “Intelligent Process to Energy integration through Hybrid Solutions”

## Our Approach

With a holistic approach to Solar Photovoltaic Generation, AEC understands the inherent need to determine the viability of a solar project by initiating a solution that offers not just a power supply solution, but also offers operational and financial benefits.

By analysing your power requirements together with your operation principles, AEC is able to technically conceptualise a solution that can be integrated into your everyday operation.

Upon evaluating the technical performance of a conceptual solution, AEC is able to determine the financial viability of a project by integrating the costs of a solution’s setup and operation together with an array of financing options – resulting in a project that offers high returns with reduced payback periods.



## Feasibility Studies for Solar PV Studies

### Realizing your Project’s Potential

Central to AEC’s approach is our energy model which incorporates all factors involved in the setup and execution of an energy project. By tailoring our energy model to your project, AEC is able to efficiently deliver:

- Site and Solar Resource Assessments
- Conceptual Solutions
- Energy Yield Models
- Project Finance Models
- Project Risk Evaluation and Mitigation Plans

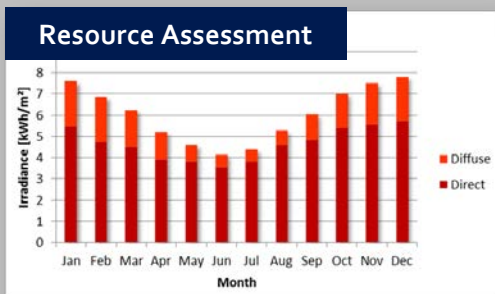
### Enabling the Decision Making Process

AEC is equipped with the expert experience and technology knowledge to investigate and analyse the viability and integration of your energy project in your day to day operations, enabling the decision making process with clear reviews of the risks and potential.

### AEC’s Definition of Feasibility

Feasibility analysis can mean different things to different people. Let’s define the term feasibility. The word “feasibility” is derived from “feasible”, which simply means capable of being done or accomplished. Feasibility studies aim to logically find the strengths and weaknesses of a proposed project and the required resources to carry through and ultimately guarantee the success. At AEC when we approach the final analysis we observe all the key metrics such as technology, funding and legal requirements to ensure the client’s ultimate expectations are met.

**Committed to superior service delivery, AEC is your ideal partner to take this first step to your project realization**



Energy Yield Model



Conceptual Solutions

