



3 MW: Ayutthaya, Thailand

The solar park in Ayutthaya sets a new record. With its 3 MW it was Southeast Asia’s largest private solar power plant in March 2010. With this ground breaking project, Conergy further strengthens its outstanding position in the emerging Asian solar market.

From “A” like architecture planning to “Z” like zero trouble
 Conergy was responsible for the planning, development, acquisition of components and general supervision of the project which is located about 70 kilometers from the capital, Bangkok. The park was built in two phases: In the 2nd quarter of 2010, Conergy connected the first megawatt to the Thai public grid. In the second construction phase, the remaining two megawatts were installed – and connected to the grid by April 2011. The Conergy team managed the entire project for its customer Yanhee Solar from the very first concept up to the successful connection the public grid. The park now produces 4,471 megawatt hours a year, thus avoiding at least 1,971 tons of CO₂ emissions annually.

Forming partnerships based on confidence

Tackling such a milestone project requires strong, local ties. The Hamburg-based solar specialists carried out the construction of the solar park with its Thai partner, Annex Power. By forming this partnership, international experience and local knowledge were successfully combined. A crucial factor for the investor in choosing Conergy was working with an expert that they can trust in. The Managing Director of Yanhee Solar, Dr. Supot Sumritvanitcha, says: “For our first large solar project, we looked for an established partner with international references in the photovoltaic market – and found it in Conergy.” The result of these strong ties between all partners is a record breaking solar park which is setting new standards in the entire region.

A green, renewable future for Thailand

Solar energy has gained considerable importance in Asia – and the market will continue to grow rapidly. Marc Lohoff, President for Conergy in the Asia Pacific region and the Middle East says: “The project is a milestone for Conergy in Asia and strengthens its position in the Thai solar market. We are looking forward to supporting the efforts in Thailand to produce more electricity from renewable energies.” The goal is clear: The Thai government wants to meet 20.4 percent of its energy requirements from renewable energies by 2022. The Conergy solar park in Ayutthaya certainly is a huge step towards this future.



Project Highlights

Date	April 2011
Location	Ayutthaya, Thailand
Output	3 MWp
Produced MW/h annually	4,471 MW/h annually
Modules	Thin film modules
Inverters	Grid connect inverters
Mounting System	Conergy SolarLinea
Size of Plant	85,000 square meters
CO₂ Emissions Saved	1,971 tons / year

