



5 MW: Drama, Greece

The solar park in Drama is a true record breaker. The 5 MW solar power plant is the largest one in the Hellenic Republic. With its 200,000 square metres it is more than five times bigger than the Acropolis in Athens.

Setting a new record

The Conergy solar park produces with its 22,704 Conergy PowerPlus 220P Premium Modules 7.1 million kWh of electricity annually. These modules feed into the public power grid via 18 IPG 300k inverters in nine CIS 540 inverter stations. That is enough for nearly 1,600 households in and around Drama. Thereby the park saves around 140,000 tonnes of the greenhouse gas CO₂ in the course of its lifetime. It would take around 350,000 trees to set-off this amount naturally.

Greek sunshine meets Conergy premium modules

“With the solar installation in Drama we once again positioned ourselves as one of the leading companies in Greece. It shows that we are able to plan, organize, supply and carry out ‘turn-key’ projects even on a large scale basis. Furthermore, it shows the market’s confidence in Conergy, its exquisite product quality, its reliability and the unique performance of its systems,” says Dieter Schmitt, Head of Conergy Greece.

“Conergy modules are well-known for their high performance and long service life, just to name two of the reasons for the rapid economic depreciation of any investment made with Conergy solar systems,” continues Schmitt. “We provide integrated solutions to the Greek market. On one hand, we offer as a supplier a broad portfolio of high quality solar components, a fact that makes Conergy a reliable partner for all companies that install solar systems. On the other hand, we provide the best overall solution for large ‘turn-key’ projects, so that investors benefit throughout the duration of their investment plan. With Conergy solar systems, we exploit the Greek sun’s energy to the maximum, thus we place the bar high for safe and profitable investments.”

The new record breaking Conergy solar park clearly sets an impressive example on how Conergy system technology makes the most out of the particularly high level of irradiation in Greece making it a safe and very attractive investment.



| Project Highlights | |  |
|---------------------------------|---|---|
| Date | December 2010 | |
| Location | Drama, Greece | |
| Output | 4.994 MWp | |
| Produced MW/h annually | 7,200 MW/h annually | |
| Modules | 22,704 Conergy PowerPlus Modules | |
| Inverters | 9 Conergy CIS inverter stations with a total of 18 Conergy IPG 300K inverters | |
| Mounting System | Ground-Mounted | |
| Size of Plant | 200,000 square meters | |
| CO ₂ Emissions Saved | 7,000 tons / year |  |