



CONERGY

## 2.4 MW: Lop Buri, Thailand

The solar park in Lop Buri, 155 km north of Bangkok, is the very first solar power plant in Asia that exclusively uses 100% Conergy System Technology. Conergy not only continues its success story in Thailand with its second megawatt park within just 8 months, it also sets a new milestone for its quality components in the entire region.

### 100 % Conergy – 100 % System Quality

Conergy built the 2.37 megawatt power plant for Indorama Ventures together with its consortium partner for Thailand, Annex Power. It features exclusively Conergy’s award winning premium components: Around 10,800 premium Conergy PowerPlus 220P modules, 135 Conergy IPG 15T inverters and over 1,080 Conergy SolarLinea mounting systems which are covering a total area equivalent to the size of almost seven soccer fields. The new Conergy solar park produces 3,500 MWh/year and thereby supplies nearly 1,200 households with clean energy. Moreover, it avoids around 1,860 tons of CO<sub>2</sub> emissions annually which equals 700 airplane round trips between Hamburg, Singapore and Bangkok.

### Success built on trustworthy, reliable partners

“Using Conergy’s high-quality system technology and being able to get everything from one single source was a crucial aspect for us,” says G.L. Modi, Chief Operating Officer for the PET business of Indorama Ventures Public Company Limited. “We simply trust Conergy’s reputation for system technology. Annex Power, Conergy’s reliable partner for Indochina carried out the local construction and operational management of the new power plant.”

### New landmark for Conergy System Technology in Asia

“Asia is a very price competitive region, but our latest project in Thailand clearly shows that quality awareness and investment security are becoming two crucial aspects for any solar project in this region”, says Marc Lohoff, president of Conergy Asia Pacific. Not compromising on quality clearly pays off: Out of 1 million PowerPlus modules there are just 30 returns – a figure that sets industry standards. On top of this, Conergy offers for this project a system-wide power output insurance of 90 % of the estimated performance. Quality and security – all from a single source.

The Thai solar market is expected to grow 23 % within the next three years. By realizing the second large-scale project in this South East Asian market within just 8 months, Conergy clearly proves its commitment to support the development of a low-carbon society in Thailand.



Project Highlights	
Date	April 2011
Location	Lop Buri, Thailand
Output	2.37 MWp
Produced MW/h annually	3,500 MW/h annually
Modules	10,800 Conergy PowerPlus Modules
Inverters	135 Conergy IPG 15T inverters
Mounting System	1,080 Conergy SolarLinea
Size of Plant	44,500 square meters
CO <sub>2</sub> Emissions Saved	1,860 tons / year

