



Louny Solar Park, Czech Republic

The Louny Solar Park is the first megawatt solar park built by the Conergy Group in the Czech Republic. The 1.1-megawatt power plant was erected roughly 80 km northwest of the capital, Prague, using Conergy components and is the largest solar installation in Louny and the surrounding area as of its completion date.

The plant features 5,112 Conergy PowerPlus solar modules that produce clean energy from the Czech sunshine over an area measuring 24,000 square meters – roughly the size of three football pitches. Seventy-one inverters of the Conergy IPG-T 15 model feed the energy generated by the premium modules into the public power grid. The modules are attached to Conergy’s SolarLinea mounting system, which has been specially developed for open spaces. This project is the first large project to employ a significant number of Conergy IPG-T inverters. With the three-phase, grid-connected devices the local team was able to plan more flexibility locally. The IPG-T’s excellent collector efficiency is expected to provide the highest yields in the plant.



Jiri Markup, owner of M2Solar, which will operate the plant in future, is pleased with the situation. “With Conergy we have settled on a provider that offers all of the components from a single source and from its own production. The experts can also install it for us, as a complete Conergy system, in a turnkey fashion. We’re looking forward to benefiting soon from this expertise.”



Data	
Date	July 2010
Location	Louny, Czech Republic
Output	1.1 MWp
Type of Module	Conergy PowerPlus
No. of Modules	5,112
Inverters	Conergy IPG-T 15
Mounting Systems	Conergy SolarLinea
Type of System	Ground Mounted
Size of Plant	24,000 square meters