



184 KW: King Abdullah Financial District, Saudi Arabia

The latest financial centre of Saudi Arabia, the King Abdullah Financial District (KAFD), will be reducing its dependence on the country's oil reserves and will be relying on solar technology from Conergy for a portion of its energy requirements. By installing a solar system on the roofs of parcels 5.07 and 5.08, the KAFD has chosen sustainable architecture with the aim of achieving one of the most significant eco certifications in the world: the "LEED Gold" certification awarded by the US Green Building Council.

At close to 200 kilowatts, the solar plant will not only be the first but also the largest rooftop plant in Riyadh. In collaboration with its local partner Modern Times Technical Systems (MTTS), Conergy has installed over 800 Conergy PowerPlus 230M modules on some 1.7 kilometres of Conergy SunTop III mounting systems over a surface of 1,319 sqm. The 330 megawatt hours of clean energy generated each year – which could supply 1,500 computers in the financial centre – will be fed into the power grid of the metropolis via 14 string inverters. The solar plant will prevent the emission of 180 tons of CO₂ annually once it is connected to the grid upon the building's completion.

Conergy is providing support to companies in the Middle East on this new path towards sustainability. "The KAFD is no doubt an ecological pioneer, who we commend for playing this role," says Alexander Lenz, Conergy President of Asia and the Middle East. "With its environmentally friendly architecture, the KAFD demonstrates how the Saudi financial sector can reduce its dependence on fossil fuels. With the first rooftop plant in Riyadh, the KAFD is setting an example – and simultaneously encouraging more green awareness and action in the Middle East."



Project Highlights

Date	2012/2013
Location	Riyadh, Saudi Arabia
Installed Capacity	184 KWp
MWh produced annually	330 MWh annually
Modules	810 Conergy PowerPlus 230M modules
Inverters	14 string inverters
Mounting System	Conergy Suntop III mounting systems
Size of Plant	1,320 square meters
CO ₂ emissions saved	180 Tons/year



OUR WORLD IS FULL OF ENERGY.