



Power Plants contract

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MAN Diesel & Turbo to build turnkey power plant in Kenya

The independent energy production company Thika Power Limited, a subsidiary of Matelec Group of Lebanon, has selected MAN Diesel & Turbo to build a turnkey diesel power plant in Kenya. The plant will be built in Thika City, situated near Kenya's capital Nairobi, and will supply energy to the Kenya Power & Lighting Company. The order is worth several tens of millions of euros.

The power plant in Thika will be the first in Africa to use MAN's Diesel Combined Cycle product package and five MAN 18V48/60 four-stroke engines will be at its heart, producing 88 MW of electricity. The waste heat from the engines will be used to power a MAN MARC2 steam turbine, which will generate a further 6.8 MW of electricity. The combination of diesel engines and a steam turbine improves the efficiency of the plant, which will produce nine per cent more electricity from the same fuel consumption.

"The African continent offers huge potential for our Power Plants unit," says Dr. René Umlauf, CEO of MAN Diesel & Turbo. "Our power plant solutions can help to bridge the existing energy supply gap in many parts of the continent swiftly and smoothly."

With its combination of diesel engines and a steam turbine, the power plant in Thika is a landmark project for MAN Diesel & Turbo in Africa that will create new market opportunities. Construction work in Thika is already underway and the plant is slated to come on stream in spring 2013.

About MAN Diesel & Turbo

MAN Diesel & Turbo SE, based in Augsburg, Germany, is the world's leading provider of large-bore diesel engines and turbomachinery for marine and stationary applications. It designs two-stroke and four-stroke engines that are manufactured both by the company and by its licensees. The engines have power outputs ranging from 450 kW to 87 MW. MAN Diesel & Turbo also designs and manufactures gas turbines of up to 50 MW, steam turbines of up to 150 MW and compressors with volume flows of up to 1.5 million m³/h and pressures of up to 1,000 bar. The product range is rounded off by turbochargers, CP propellers, gas engines and chemical reactors. MAN Diesel & Turbo's range of goods includes complete marine propulsion systems, turbomachinery units for the oil & gas as well as the process industries and turnkey power plants. Customers receive worldwide after-sales services marketed under the MAN PrimeServ brand. The company employs around 14,000 staff at more than 100 international sites, primarily in Germany, Denmark, France, Switzerland, the Czech Republic, India and China. MAN Diesel & Turbo is a company in the Power Engineering business area of MAN SE, which is listed in the DAX share index of the 30 leading companies in Germany.

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