



MAN Diesel & Turbo to supply power for gold mine in Indonesia

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Four engines of the type MAN 18V32/40 will generate electricity in a power plant for the Martabe Gold Mine.

MAN Diesel & Turbo is to deliver and install four MAN 18V32/40 gensets for a power plant of the Indonesian energy company *PT Sumberdaya Sewatama* (Sewatama). The power plant will supply one of the world's largest gold mines, Martabe, with up to 24 MW of electric power. The four-stroke engines will eliminate an acute energy bottleneck and ensure a stable supply to cover the requirements of the mine in Batang Toru province in the north of the Indonesian island of Sumatra.

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Sewatama is one of the leading energy service providers in Indonesia. The Martabe Gold Mine is managed and operated by Singapore based PT Agincourt Resources. With an area of 2500 km², Martabe is roughly double the size of Los Angeles and has an annual extraction capacity of approximately 4.5 million tonnes of gold and silver ore. The energy-intensive processes in extracting and treating the valuable raw materials require a reliable and permanent power supply. The state electricity supplier *Perusahaan Listrik Negara* (PLN) cannot guarantee this supply on account of the remote location in the Indonesian mountains and a patchy transport grid.

The company is therefore setting store by an independent solution in the immediate vicinity of the location. "Our engines solve energy bottlenecks on location and secure an economically viable, stable power supply for industrial plants also in remote locations, such as here in the Indonesian mountains," explains Massimo Casal, Sales Manager of MAN Diesel & Turbo in Indonesia.

Indonesia has over 250 million inhabitants and is the largest economic region in south-east Asia. With an annual growth in gross domestic product of four to five per cent, power requirements are also rising. In 2014, the government therefore announced a comprehensive expansion programme of the national

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electricity network. The available power is planned to increase by 35 gigawatts by 2019. "The current development on the Indonesian energy market is of particular interest to us. Owing to the geographical structure – Indonesia is the largest island state in the world – many small and decentralised supply grids are required. With its wide-ranging experience of island power plants, MAN Diesel & Turbo has the right solution both for industrial applications and for local network operators," says Massimo Casal.

MAN Diesel & Turbo currently employs 20 staff in Indonesia and in recent years has delivered engines with a total output of 158 MW to the country.



*Martabe Goldmine
in northern Sumatra*

About MAN Diesel & Turbo

MAN Diesel & Turbo SE, based in Augsburg, Germany, is the world's leading provider of large-bore diesel and gas engines and turbomachinery. The company employs around 14,500 staff at more than 100 international sites, primarily in Germany, Denmark, France, Switzerland, the Czech Republic, India and China. The company's product portfolio includes two-stroke and four-stroke engines for marine and stationary applications, turbochargers and propellers as well as gas and steam turbines, compressors and chemical reactors. The range of services and supplies is rounded off by complete solutions like ship propulsion systems, engine-based power plants and turbomachinery trains for the oil & gas as well as the process industries. Customers receive worldwide after-sales services marketed under the MAN PrimeServ brand.