
Pressemitteilung

Augsburg, December 12, 2019

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MAN Energy Solutions provides power plant solution for iron ore mine in Bolivia

Ten MAN gas engines will supply 100 MW of electric power for steel works at the El Mutún mine

MAN Energy Solutions delivers ten MAN 20V35/44G gas engines with a combined capacity of over 100 megawatts (MW) to Bolivia. The engines will supply electricity for steel works at the El Mutún iron ore mine on the border with Brazil.

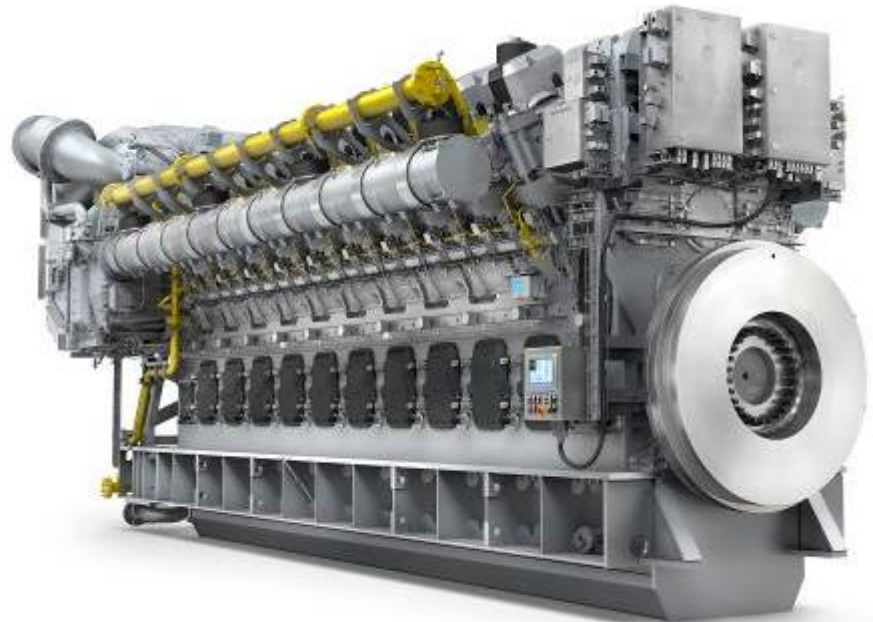
The El Mutún mine is one of the largest iron ore mines in the world. Estimates indicate that there could be over 40 billion tons of iron ore in an area of 75 square kilometers. The site does not just mine iron ore but also processes it into steel directly on-location, which requires large-scale industrial machinery with high energy needs, such as blast furnaces and rolling mills.

“When it comes to processing steel, large and in particular spontaneous load changes are one of the biggest energy supply challenges. Due to the remote location of the El Mutún mine, it simply isn't possible to ensure satisfactory coverage through the national power grid. Instead, our localized power plant solution guarantees the flexible, reliable and independent supply of electricity at all times,” explains Martin Höhler, Head of Region Asia Pacific at MAN Energy Solutions. “Our 35/44G gas engines are the perfect choice in this case. Thanks to their high reaction speed, these engines reach their full output in less than five minutes and can handle quick load changes effortlessly.”

Bolivia has rich natural gas deposits and therefore a good gas infrastructure. This means there is a secure supply of local natural gas for the power plant.

2400 kilometers upriver

Since the mine is located in the heart of South America and very difficult to access by road, the engines have to be delivered by water via the Paraná River. The engines were transported on barges from Uruguay via Argentina and Paraguay around 2400 kilometers upstream to Bolivia.



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MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.