
Press Release

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MAN Energy Solutions SE
Stadtbachstraße 1, 86153 Augsburg
GermanyPostal address:
86224 Augsburg, Germanywww.man-es.com

Group Communications
Jan Hoppe
T +49 821 322 3126
jan.hoppe@man-es.com

Iraqi Installations Receive 100 MW of MAN Electrical Energy

Eleven gensets secure energy supply for cement factory and freshwater-treatment plant

MAN Energy Solutions has successfully commissioned six MAN 18V32/40 engines in a cement factory in Samawa, Iraq, and delivered five more engines of the same type to a freshwater-treatment plant in Basra.

"The country's infrastructure has suffered greatly from armed conflict in the past and the re-electrification of Iraq is pivotal for further growth and new prosperity. We are very happy that our engines will bring such tangible, positive benefits to the Iraqi people," said Waldemar Wiesner, Head of Region MEA (Middle-East Africa), Power Plant Sales, MAN Energy Solutions.

Defying the desert

The six engines in Samawa form the backbone of a power plant that will generate around 54 MW of electrical energy for a new cement plant owned by Iraqi producer, Kairat Al Abar Iraqi Co. (KAAI).

Samawa has a population of around 150,000 and is located on the River Euphrates, half way between Baghdad and the Persian Gulf. Conditions locally are testing with a rainfall of just 100 mm over the course of a year, while temperatures peak at over 40°C from June to September. "The heat and dry desert climate create demanding conditions for industrial processes," said Wiesner. "However, our MAN 32/40 engines are particularly robust and well capable of delivering a reliable power supply under such extreme climatic conditions."

Fresh water in Basra

Five MAN 18V32/40 engines with a total capacity of 45 MW will guarantee the energy supply of a freshwater-treatment plant in Basra, a city with 2.5 million people located on the Persian Gulf. Normally, the plant operates with electricity from the public grid. However, since Iraq's energy supply still fluctuates strongly, the MAN engines will serve as an important backup to ensure the reliable operation of the plant.

"In Iraq, more than five million people have only limited access to drinking water or sanitary facilities. With this new freshwater plant, the quality of life for the people of Basra will increase significantly," said Wiesner. "In the event of power failures, which unfortunately still occur frequently, our engines will ensure a stable energy supply so that Basra's population has access to fresh water at all times."



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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.