

Diesel Power Plant Milestones

1893 The engineer Rudolf Diesel begins with the development of the diesel engine at the former Maschinenfabrik Augsburg.

1897 The world's first diesel engine, ready for application, is presented to the public in Augsburg. Today it can be seen in the Deutsche Museum in Munich.

1904 MAN delivers the world's first diesel power plant to Kiev. Four diesel engines with 400 HP each generate energy for the Kiev tramline. The Kiev power plant partly remains in operation until 1955.

1910 MAN delivers a horizontal double-tandem four-stroke CL 90 engine with 1600 HP for a power plant in Halle.

1929 Commissioning of Europe's largest and most advanced power plant in Hennigsdorf, near Berlin, equipped with two double-acting MAN two-stroke engines, each with 11 700 HP.

1934 MAN starts the development of exhaust gas turbines for diesel engines.

1950 MAN presents the first super-charged four-stroke diesel engine able to reach an efficiency of 45 percent.

1975 Two power plants equipped with 52/55 engines are set up in Saudi Arabia (total output: over 100 Megawatt).

1986 The first order placed with the People's Republic of China results in numerous power plant projects with an installed total output of over 2 000 MW.

1993 The largest Diesel power station of the People's Republic of China with a total output of 179 MW (15 engines).

MAN B&W Diesel Group

Department of Communication

Stadtbachstraße 1

D-86224 Augsburg

Tel.: ++49 (0) 821 - 322 42 42

Fax: ++49 (0) 821 - 322 42 40

E-Mail: press@manbw.de

Internet: www.manbw.com

Please contact for further

Information:

Andreas Lampersbach

Tel.: ++49 (0) 821 - 322 38 50

Fax: ++49 (0) 821 - 322 16 55

DIESEL

1998 First floating power plants MARGARITA II and ESPERANZA with a total of eleven 18V48/60 engines (208 MW).

2003 MAN B&W secures the largest order in the company's history: thirteen 18V48/60 engines generate an output of over 245 Megawatt, for an annual energy amount of more than 1.8 million GWh.

2004 Within 100 years, the MAN B&W Group has delivered 18 000 engines with a total output of 28 000 MW for diesel power stations on all continents.

MAN B&W Diesel Group

Department of Communication

Stadtbachstraße 1

D-86224 Augsburg

Tel.: ++49 (0) 821 - 322 42 42

Fax: ++49 (0) 821 - 322 42 40

E-Mail: press@manbw.de

Internet: www.manbw.com

Please contact for further

Information:

Andreas Lampersbach

Tel.: ++49 (0) 821 - 322 38 50

Fax: ++49 (0) 821 - 322 16 55

DIESEL