WEG supplies $100m package of pump motors, control panels & brakes for world’s largest irrigation project
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WEG is supplying 160 large (MW) synchronous vertical motors, plus excitation panels and brake systems, for use on pumps in the HNSS Project in Andhra Pradesh, India, one of the largest irrigation projects in the world.

The HNSS project is funded by the Indian Government in association with the World Bank. It will take water from the Krishna and Godavari rivers to serve land mostly in the state of Andhra Pradesh. When complete, the project will irrigate an area of 2500 square kilometres - equivalent to 170,000 football fields - bringing direct benefits to more than 80-million people.

WEG’s synchronous vertical motors are used on the project to power high capacity pumps supplied by Kirloskar Brothers, the largest manufacturers of hydraulic pumps in India. The initial project stage, from April 2007, called for 32 WEG high voltage motors, together with excitation panels and brake systems.

This was followed in the second stage by WEG supplying a package of 2000-tons of equipment to the project, including 64 motors as well as excitation panels and brake systems.

By project completion, WEG expects to have installed about 160 high voltage motors, in the range 1.7 to 12MW, all over Andhra Pradesh. This will make the HNSS project the largest that WEG has ever supplied to India, and at a value of at $100 million, one of the biggest packages ever negotiated by WEG.
**WEG SYNCHRONOUS MOTORS**

WEG’s synchronous motors provide the ideal package of reliability and efficiency in demanding applications such as the HNSS project. Manufactured with highly robust and solid steel frames that withstand the most severe operating conditions, they deliver low operating and maintenance costs - this due to their ability to provide high efficiency operation in applications that require power factor correction, high torques and constant speed under load variation.

The performance of the synchronous motors in converting electric energy into mechanical power is also more efficient, resulting in significant energy saving across a wide variety of loads. In addition to the day-to-day reduced running costs this provides, the savings also ensure a faster return on investment (ROI) time for the user.
WEG Worldwide Operations

ARGENTINA
San Francisco - Cordoba
Phone: +54 3564 421484
info-ar@weg.net
Cordoba - Cordoba
Phone: +54 351 4641366
weg-morbe@weg.com.ar
Buenos Aires
Phone: +54 11 42998000
ventas@pulverlux.com.ar

AUSTRALIA
Scoresby - Victoria
Phone: +61 3 97654600
info-au@weg.net

AUSTRIA
Markt Piesting - Wiener Neustadt-Land
Phone: +43 2633 4040
watt@wattdrive.com

BELGIUM
Nivelles - Belgium
Phone: +32 67 888420
info-be@weg.net

BRAZIL
Jaraguá do Sul - Santa Catarina
Phone: +55 47 32764000
info-br@weg.net

CHILE
La Reina - Santiago
Phone: +56 2 27848900
info-cl@weg.net

CHINA
Nantong - Jiangsu
Phone: +86 513 85989333
info-cn@weg.net
Changzhou – Jiangsu
Phone: +86 519 88067692
info-cn@weg.net

COLOMBIA
San Cayetano - Bogota
Phone: +57 1 4160166
info-co@weg.net

ECUADOR
El Batan - Quito
Phone: +593 2 5144339
ceccato@weg.net

FRANCE
Saint-Quentin-Fallavier - Isère
Phone: +33 4 74991135
info-fr@weg.net

GERMANY
Tübingen - Kerpen
Phone: +49 2237 51380
info-de@weg.net

Balingen - Baden-Württemberg
Phone: +49 7433 90410
info@weg-antriebe.de

Homburg (Efze) - Hesse
Phone: +49 6681 99520
info@akh-antriebstechnik.de

GHANA
Accra
Phone: +233 30 2766706
info-ga@weg.net

INDIA
Bangalore - Karnataka
Phone: +91 80 41282007
info-in@weg.net

NINGAP
Yokohama - Kanagawa
Phone: +81 45 5503030
info-jp@weg.net

MALAYSIA
Shah Alam - Selangor
Phone: +60 3 78591626
info@wattdrive.com.my

MEXICO
Huehuetoca - Mexico
Phone: +52 55 53214275
info-mx@weg.net

NETHERLANDS
Oldenzaal - Overijssel
Phone: +31 541 571080
info-nl@weg.net

PERU
La Victoria - Lima
Phone: +51 1 2097600
info-pe@weg.net

PORTUGAL
Maia - Porto
Phone: +351 22 9477700
info-pt@weg.net

USA
Duluth - Georgia
Phone: +1 678 2492000
info-us@weg.net

MINNEAPOLIS - MINNESOTA
Phone: +1 612 3788000

VENEZUELA
Valencia - Carabobo
Phone: +58 241 8210582
info-ve@weg.net

For those countries where there is not a WEG own operation, find our local distributor at www.weg.net.