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PRESS RELEASE

Krohne Inor Lands Order to the World's Largest Concentrating Solar Power Plant

Inor Process AB (Krohne Inor) has won a major order within solar energy. Approx. 1100 temperature measuring points in the Solana project will be equipped with Krohne Inor's sensors and transmitters. The Solana Generating Station Project is a 280 MW solar energy plant of so called CSP-typ (Concentrating Solar Power) which is being built outside of Phoenix, Arizona in USA. The plant will be built and owned by Spanish Abengoa Solar and will be the biggest CSP plant in the world. When running in full it will be providing power to 70 000 households.

KROHNE Inor has won a major solar project: 1.100 temperature measuring points in the Solana project will be equipped with KROHNE INOR sensors and transmitters. The Solana Generating Station Project is a 280 megawatts concentrating solar power (CSP) plant, located 70 miles southwest of Phoenix, Arizona, USA. Built and owned by the Spanish company Abengoa Solar, it is the largest single CSP plant in the world.

With delivery starting in May 2012, the temperature sensors will be used to control and monitor temperatures in the salt tanks. At night or when sun is not out, the heat energy stored in the salt will be used for continuous power supply to the plant's customers. Next to heavy-duty industrial sensors, KROHNE INOR will deliver tailored squid- and multipoint sensors with lengths up to 32 metres. The order also includes over 900 OPTITEMP TT 51 temperature transmitters, featuring high accuracy and long-term stability as well as diagnostic and back-up functions for high process safety.

"By choosing KROHNE INOR, Abengoa Solar went for a supplier that has proven experience in equipping solar plants, especially CSPs, of this size," says Benny Björkander, General Manager of KROHNE INOR. "Solar energy is gaining importance globally in an effort of preserving our natural resources. Therefore, winning a project of this size is a success based on our strategy to be a leading instrumentation provider in large-scale sensor projects," he states.

KROHNE INOR, a fully-owned subsidiary of KROHNE, has been designing and producing temperature measurement equipment for over 70 years. Located in Malmö, Sweden, KROHNE INOR is today one of the world's leading manufacturers of temperature signal transmitters, specialised in industrial temperature measurement.

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Picture 1:

Inor Process AB (Krohne Inor) will deliver sensors and transmitters for approx. 1100 temperature measuring points for the Solana project in Arizona, USA.



Picture 2:

Solana Generating Station Project is the the largest CSP solar energy plant (Concentrating Solar Power). The plant will be providing electrical power to 70 000 households.



Picture 3:

The reflectors are collecting the solar energy and distriubutes them to the central tower where they will be concentrated and converted to electrical energy. This plant will be equipped with Krohne Inors sensors and transmitters.

