

## **Yokogawa Wins Control System Order for Brazil's Largest Biomass Power Plant**

### **–Contributing to the stable supply of electric power–**

Johannesburg, South Africa – 9 September 2015 - Yokogawa Electric Corporation announces that its subsidiary, Yokogawa America do Sul, has received an order from AREVA Renewables Brazil, a subsidiary of the French firm AREVA SA, to deliver a control system for a biomass power plant that will be the largest facility of its type in Brazil. The plant is being constructed by Bolt Energias\* in São Desidério, Bahia, in the northeastern part of the country.

This biomass plant will have three power units with a total capacity of 150 MW, and will burn eucalyptus as its fuel. For this facility, Yokogawa will deliver the CENTUM® VP integrated production control system, ProSafe®-RS safety instrumentation system, and other products. Yokogawa will also be responsible for engineering, and for providing installation support and commissioning for these products. The plant will be connected to the power grid in mid-2017.

Although Brazil and many other countries in South America have relied largely on hydroelectric power, this power source has been less reliable in recent years because of severe water shortages. Thus, there is an urgent need in such countries for the construction of power plants that utilize alternate energy sources. As Brazil is the world's largest producer of eucalyptus pulp and sugar cane, biomass power plants that can utilize this energy source are a promising solution.

Yasuharu Shoda, President & CEO of Yokogawa America do Sul, commented, "Yokogawa has a solid track record in Brazil, having installed more than 500 of its control systems at a wide variety of industrial facilities. Yokogawa's solutions help our customers operate their facilities safely and with a high degree of efficiency. Encouraged by this order, Yokogawa will continue to focus on the electric power and renewable energy fields in Brazil and other countries in South America, and will help to provide a stable energy supply." Yokogawa will continue to expand its business in the promising electric power market.

\* A holding company founded in 2010 by Grupo Ático, an investment company. As its fully owned subsidiary, Bolt Energias generates and sells electricity.

## **About Yokogawa**

Yokogawa's global network of 88 companies spans 56 countries. Founded in 1915, the US\$3.5 billion company conducts cutting-edge research and innovation. Yokogawa is active in the Industrial Automation and Control (IA), Test and Measurement, and other businesses segments. The IA segment plays a vital role in a wide range of industries including Oil & Gas, Chemical, Food & Beverage, Iron & Steel, LNG Supply Chain, Petrochemical, Oil & Gas, Pharmaceutical, Power, Pulp & Paper, Refining, Renewable Energy and Water & Wastewater.

Yokogawa South Africa (Pty) Limited is an empowered South African company jointly owned by Identity Capital Partners (Pty) Ltd, a local black women-owned organisation, and Yokogawa Europe BV, incorporated in the Netherlands. Yokogawa Europe BV is owned by Yokogawa Electric Corporation, a Japanese company listed on the Tokyo Stock Exchange.

Yokogawa South Africa (Pty) Limited's comprehensive solutions range from sensors (such as Pressure transmitters, Temperature, Flow meters, Level and Liquid & Gas Analysers) and network solution products, to control and safety systems. This includes the software for advanced control that optimises productivity; and services that minimise plant lifecycle costs. Yokogawa South Africa's Service Training Department is accredited and proficient in theoretical and practical training for Instrumentation and Control systems from first principles. Our Internship Programme contributes to the continued technical skills improvement in South Africa.

For more information about Yokogawa, please visit the company's website [www.yokogawa.com/za](http://www.yokogawa.com/za) or contact Christie Cronje in Corporate Communications.

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