

The customer newsletter of
ABB Power Generation

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in control



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Power and productivity
for a better world™



Enhancing efficiency and environmental performance

ABB has won an order from Enel, Italy's largest power company and one of Europe's leading utilities, to supply a Symphony Plus automation and control system for one of the units at the Grazia Deledda Sulcis power plant on the island of Sardinia, Italy.

Grazia Deledda Sulcis is a 590 MW coal-fired power plant near the town of Portoscuso on the southwestern coast of Sardinia. The plant comprises two units, each with a generating capacity of more than 240 MW. The existing control systems will be replaced with a total plant automation solution to enhance the unit's efficiency and improve its environmental performance. The company is taking proactive measures to improve efficiency and reduce the environmental impact of its coal-fired power plants.

The new Symphony™ Plus solution includes the recently introduced HPC800 high-performance controller, burner management and flue gas desulfurization systems, instrumentation, a new control room and operator stations equipped with an intuitive and easy-to-use human machine interface.

The Grazia Deledda Sulcis power plant is located within the Sulcis Iglesiente basin, which contains Italy's only coal deposits. The use of coal to generate electricity is expected to rise in coming years as Italy seeks to reduce its dependency on natural gas imports from Russia and Algeria. Around 52 percent of Italy's electricity is generated with natural gas, which makes it one of the most heavily gas dependent countries in the European Union.



The Symphony Plus plant automation system makes a significant contribution towards improving efficiency and lowering environmental impact by integrating multiple plant production and information systems into a single platform.



Symphony Plus total plant automation. The power of a well-orchestrated performance.

Symphony™ Plus is the new generation of ABB's total plant automation for the power and water industries. Designed to maximize plant efficiency and reliability through automation, integration and optimization of the entire plant, Symphony Plus offers a simple, scalable, seamless and secure solution. Tune to Symphony Plus and experience the power of a well-orchestrated performance. www.abb.com/powergeneration

ABB Ltd.
Business Unit Power Generation
P.O. Box 8131
8050 Zurich, Switzerland
Tel. +41 (0) 43 317 5380

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