In November 2014 a heavy MEGATROL Power container, consisting of an excitation system for a synchronous generator and a starter for a gas turbine type GT26 left the ABB factory in Turgi, Switzerland, destined for a gas and steam turbine power plant in Cologne, Germany.

This MEGATROL Power with a weight of 30 tones - installed in a 12 meters long by 3 meters wide container - was transported by heavy transport through narrow streets from Turgi to Basel before being loaded onto a ship heading to Cologne. The MEGATROL container will be commissioned in a 450-megawatt power plant.

MEGATROL is a combination of two ABB products: An excitation system type UNITROL® 6000 and a starter type MEGA DRIVE LCI. These two systems are combined and integrated into a container that can be used as a building block for a gas turbine power plant.

This building block with the starter and excitation system, allows the builder of the power plant or the supplier of the gas turbine to erect a power plant in a relatively short time and one that will perform for many years.

This method pays homage to the ABB slogan “Power and Productivity for a better world”: it allows MEGATROL to provide electrical energy while delivering a higher and faster availability.

This approach defines ABB as an innovator of electrical system supply, creating a package that contains all the necessary interfaces, defined in advance, and contained within a space that can simply plug and play into a gas turbine power plant.

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