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This second plant awarded to TSK will be built in the town of Sellindge and is based on a setup with a 60 MVA synchronous condenser, which will provide short-circuit and inertia power, as well as reactive power compensation, to increase the stability of distribution networks with high penetration of renewable energy generation.

This type of installation is playing an increasingly important role in electricity systems, due to the increase in the proportion of electricity generation from renewable energies. These, mostly based on power converters (photovoltaic and wind), are replacing conventional generation using large rotating machines, producing a reduction in system inertia, weakening frequency stability, and making it more fragile to disturbances.

This project is part of a set of similar plants framed within the second phase of the ambitious "Stability Pathfinder" plan launched by National Grid ESO, the main grid operator in the United Kingdom.

TSK will be in charge of the turnkey execution of the plant, as well as the 400kV interconnection with the National Grid network, and will rely on General Electric technology for the supply of the synchronous generator.

This new contract consolidates TSK's presence in the United Kingdom and obtains a new reference in technology for the stability and flexibility of electrical systems throughout Europe, so necessary considering the increasing power of renewable energy connected to the energy system.

TSK is a global company specialized in innovative technologies that contribute to a more sustainable development at an international level, providing solutions for different industry sectors such as electrical infrastructures, industrial plants, power generation plants (conventional or renewable), Gas to Power, water treatment plants or storage and handling facilities for raw materials. At this moment, TSK reaches sales of close to 1 billion euros, with more than 1,000 professionals and projects executed in more than 50 countries.

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