CASE STUDY

ELHAND Transformatory for Renewable Energy Sources

CLIENT

Taurus-Technic Sp. z o.o.
A national leader in the field of reactive power compensation (LV and MV) and a licensed partner of SIEMENS, a world leading company in the market of electricity distribution. On the Polish market since 1991. Taurus-Technic also offers the latest solutions of LV switchgears and a whole range of MV switchgears.

Adam Matera CEO of Elhand Transformatory, **Janusz Skubała** Key Account Manager Elhand Transformatory

CHALLENGE

The required compensation power of 900kVAr with the possibility of its gradation (2 x 450kVAr) and very limited space for installation compared to standard solutions.

SOLUTION

A unique solution designed specifically for the Partner's needs, with two independent reactors placed one above the other. Reactors of this type are usually used in wind farms to compensate the reactive power resulting from the capacity of the supply lines.

RESULTS

The compensation reactor type ED3KH-2x450 is one of two double compensation reactors with a power of 900kVAr (2x450kVAr) and a rated voltage of 15.75kV. ED3KH-2x series reactors have a common yoke, which reduces the amount of materials used for their construction (compared to two separate, independent reactors), giving economic benefits and making the most of the available space.