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INSULATION SYSTEM MONITORING OF THE STATOR WINDINGS OF SYNCHRONOUS TURBOGENERATORS BASED ON THE PARTIAL DISCHARGE MEASUREMENTS

ABSTRACT

This paper is describing a method for monitoring the insulation system of turbo generator. This method is based on “on line” measuring of the partial discharges of the turbo generators (unrestrictive method), which are installed in REK Bitola.

Since the aging process of the insulation is very slow, usually the measurement are done every 6 months and main criteria is comparison with the previous test results.

Keywords: insulation system, partial discharges.