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## **ESM NUMERICAL METERING SYSTEM FOR ELECTRICAL ENERGY**

### **ABSTRACT**

New generation numerical microprocessor controlled meters with classes of accuracy 0,2, 0,5 and 1 are going to be implemented in the near future in Electric Power Company of Macedonia. Also, new data warehouse system for acquisition and further processing of the metering data will be put into operation. This project is going to build up technical foundations of ESM which are important for entering the electrical energy market of south-east Europe that is scheduled for the near future.

**Keywords:** electrical energy, liberalization and deregulation, numerical metering system, numerical meters, automated meter reading.