



Electrical engineering. ¹Sokil E.I., ¹Gryb O.G, ²Zharkin A.F., ²Tesyk Yu.F., ²Novskyi V.O. and others. Automatic metering systems of electric energy. – Kharkiv: TOV “Team Publish Group”, 2014.– 488 p.

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1 – NTU “KhPI”;

2 – Institute of Electrodynamics of NAS of Ukraine

In this book various types of automatic power accounting systems are presented; the problems related to the organization of communication channels, use of different interfaces and communication protocols in accounting systems within the concept of Smart Grid, are considered. Block diagrams and characteristics of the equipment that ensure the solution of integration problems of automatic metering systems of electric power consumption, are presented. Various types of energy meters, converters of electric quantities, as well as measuring transformers of current and voltage are considered.

The monograph is oriented towards the students of electric power specialities, and also towards the professionals who deal with

design and operation of power accounting systems.