



General Energy. A.F. Zharkin, S.P. Denysyuk, V.A. Popov **"Power supply systems with the sources of a distributed generation"** -/ Kyiv: Naukova Dumka. – 2017. – 230 p. - 200 copies.
ISBN 978-966-00-1571-5

The monograph summarizes and systematizes the study results related to the rational ways of using the sources of distributed generation in power supply systems. The complex estimation is given of their influence on the main technical and economic indicators characterizing the efficiency of distribution networks. The ways of substantiation of the optimal application variants of distributed generation are offered, taking into account different factors. The main schemes of generation sources integration into electric networks are considered, and energy processes arising under these conditions are analyzed.

The monograph is intended for scientific employees, engineers, and managers involved in the management of regimes, planning and development of power supply systems, as well as for post-graduate and students of electrical and power engineering professions.