

# Conceptual foundations for formation of an organizational and economic mechanism of management for renewable energy development

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The paper investigates the theoretical approaches to formation of organizational and economic mechanism of management for renewable energy development. The author's definition of organizational and economic mechanism of management for renewable energy development is proposed that means the consolidated system of interconnected and coordinated levers of economic, administrative, social and psychological influence aimed at achieving state goals of energy policy in renewable energy field. The list of key tasks that should be solved in the process of management for renewable energy development were determined, namely: the increase of renewable energy resources share in the structure of country's final energy consumption; creation of a stable demand for electricity from renewable energy sources in all categories of consumers; formation of reliable and transparent system of the monitoring of generation and consumption of electricity from renewable energy resources; reduction of greenhouse gases emissions and harmful substances to the atmosphere by replacing fossil fuel power plants with renewable energy generating capacities; accumulation of financial resources for the purpose of their focus on construction of new renewable energy plants; regulation of the geography of renewable energy plants installation and renewable energy resources structure. The general principles of management, which are the basis of any management process, and specific principles (legality, priority, innovation,

environmental protection, financial support of scientific developments in renewable energy field, economic support of the producers of domestic equipment for renewable energy sector, integration of Ukraine into the European energy market), which distinguish organizational and economic mechanism of management for renewable energy development from mechanisms of management for other national economy sectors are determined. The complex of economic, administrative, social, psychological methods and tools, strict observance and effective implementation of which will allow to achieve the set goals of the proposed mechanism is described. The conceptual scheme of organizational and economic mechanism of management for renewable energy development is presented.

The proposed organizational and economic mechanism of management for renewable energy development allows to identify the key points of the interaction between the regulated system and the regulator and outline the key directions of green energy development. The content and components of organizational and economic mechanism form a favorable environment for the most effective regulation of renewable energy development by the state. The results of the study can be used to improve existing economic mechanisms aimed at encouraging the production and consumption of energy from renewable energy resources, as well as the development of new economic support schemes.