

ENERGY SAVING AS A COMPONENT OF THE EFFICIENCY OF ACTIVITY OF THE ENTERPRISES OF FUEL AND ENERGY COMPLEX OF UKRAINE

Relevance of the research topic. One of the most difficult problems in the development of the Ukrainian economy is the satisfaction of the need for fuel and energy resources (FER) and their effective use. Restriction of the effective use of FER was limited financial resources of enterprises, and as a result - the lack of long-term investment in modernizing production facilities, reducing the restoration of fixed assets, reducing the efficiency of their use, reducing scientific and technological developments aimed at restoring, creating and implementing new energy-saving technologies. Deficiency of own fuel and energy resources in Ukraine causes the need to increase the costs of their production and production, and their import in conditions of high oil and gas prices in the world market, and this calls for special attention to saving energy resources and the efficiency of their use. World experience shows that saving one ton of conventional fuel requires, as a rule, less cost than an increase in the production of an equivalent quantity.

Problem situation. Development and justification of theoretical and methodological provisions and applied recommendations for the development of energy saving at enterprises of the fuel and energy complex from the perspective of increasing their energy efficiency.

Objectives of the study. The development of energy saving as a component of the efficiency of enterprises of the fuel and energy complex is considered. It is planned to consider the essence and content of the theoretical foundations of energy saving at enterprises of the fuel and energy complex, to substantiate the main theoretical and methodological provisions for improving the efficiency of energy saving and the factors influencing the use of energy resources on the profitability of the enterprise. To study the state of the use of energy resources and the factors influencing the energy conservation of enterprises of various branches of the fuel and energy complex, to analyze the basic indicators of energy efficiency.

Methods of research. Research methods that allow to solve these problems are comparative, logical, statistical, graphical, method of system analysis.

Result of the study. The experimental work consists in the systematic substantiation of the theoretical, methodological and applied foundations for the development of energy saving of enterprises of the fuel and energy complex and increasing their efficiency.

Conclusions: Analyzing the results obtained, it can be stated that the introduction of energy-saving technologies should not only meet the goals set, but also be economically justified. Since efficiency and efficiency are two interdependent indicators, from the economic point of view, one must take into account investment efficiency, in order to attract the necessary financial resources.

Thus, for the development of forecasts, we can distinguish such major groups of factors:

- results of analysis of statistical reporting;
- Directions for the development of sectors of the economy and its individual sectors, including the branches of the fuel and energy complex;
- structure and volumes of energy saving;
- indicators that affect energy consumption (technical level of production, environmental costs, improvement of social conditions of work and life, etc.).

Key words: energy saving, energy resource, fuel and energy complex.

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