

MANAGING ENERGY EFFICIENCY OF METALLURGICAL ENTERPRISES

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The problem of effective energy management of a metallurgical enterprise is of particular relevance in modern conditions of development of the economy. Management strategy energy efficiency defines the main development priorities, opportunities and risks that are associated with the external environment and internal organizational processes. In modern market conditions, the need to manage the energy efficiency of metallurgical enterprises of Ukraine is determined by many factors, among which are uncertainty about the future, risk, optimization of environmental impacts and the need for financial resources. Metallurgical enterprises are the open economic system, market-oriented, so they are forced to constantly adapt to the changing needs of the market of fuel and energy in order to achieve the goal.

Production energy efficiency is usually considered as the ratio of the result to a unit of spent energy resource. The energy

efficiency is understood as the ratio of useful effect (energy savings) for energy. Thus, the higher the useful effect per unit of energy consumption, the higher the energy efficiency.

The problem of energy efficiency and energy saving non-standard, and for its solution, it is necessary to improve the existing ties, to form new directions in the management of energy consumption at industrial enterprises.

The unity of the fundamental pillars of the organization of metallurgical production allows identifying the factors of efficiency in such core areas of activity of the enterprise as economic, production, institutional, social, environmental and legal.

A feature of the systematization of the factors of efficiency is they are considered in conjunction with factors specific to the market economy: demand and supply for products and energy resources, access to market resources and new technologies.