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Vagin Sergei Gennadievich,

Doctor of Economics,

Professor of the Department of Economics and Organization Management,

Samara State Technical University,

Samara, Russian Federation.

Kamynin Dmitry Alexandrovich,

Associate Professor of the Department of Economics and Organization Management,

Samara state technical University,

Samara, Russian Federation.

MANAGEMENT OF INNOVATIONS IN ENERGY FACILITIES OF ENTERPRISES

The energy efficiency of Russian products is inferior to world analogues. The level and dynamics of the consumption of fuel and energy resources per worker by type of economic activity is analyzed. A negative relationship between the volume of investments in fixed assets of enterprises and the dynamics of energy efficiency was revealed. Thus, in Russia, the decisive effect on reducing energy efficiency is provided by comprehensive measures in the field of organization management, and not by the total volume of investments in fixed assets.

The proposed innovative energy-saving strategy of the enterprise includes three main blocks: technological, organizational, economic and analytical. The technological block includes measures to introduce innovative generating and energy-saving equipment, intelligent technical systems for managing the energy economy, and reducing heat losses. Organizational and economic activities include the adoption of strategic decisions in the field of energy processes, the development and implementation of a plan for the

development of the energy sector, the introduction of energy management, increasing staff motivation, developing the information infrastructure of the energy sector, and effectively attracting and using financial resources. The analytical unit includes conducting an energy audit, assessing energy and economic risks, developing standards for the consumption of fuel and energy resources, planning energy consumption and drawing up energy balances.

The main direct results of management activities to improve energy efficiency are the reduction in the total cost of purchased energy resources, energy losses, reduction of peak loads, the risk of equipment breakdowns, minimization of downtime and production defects. Non-energy effects include increased competitiveness and product quality, labor productivity, saving labor costs and the cost of equipment maintenance, improving the image of the enterprise, environmental and other effects.

Keywords: energy efficiency, innovative management model, fuel and energy resources, effect.

17, . 58; 18, . 27]. [8, . 290;

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[14, . 118].

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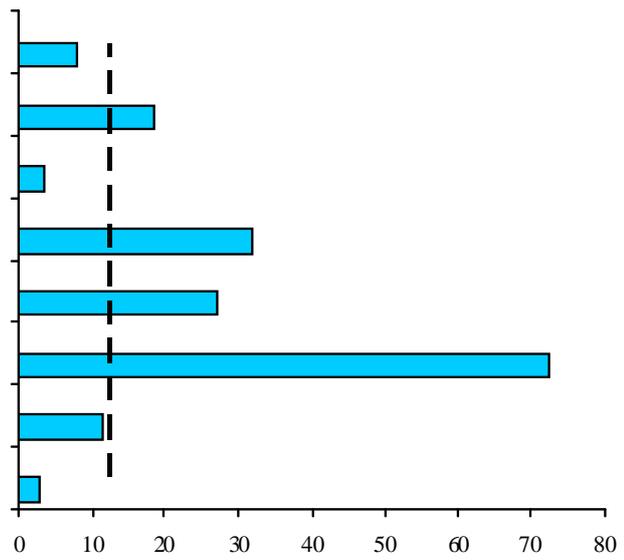
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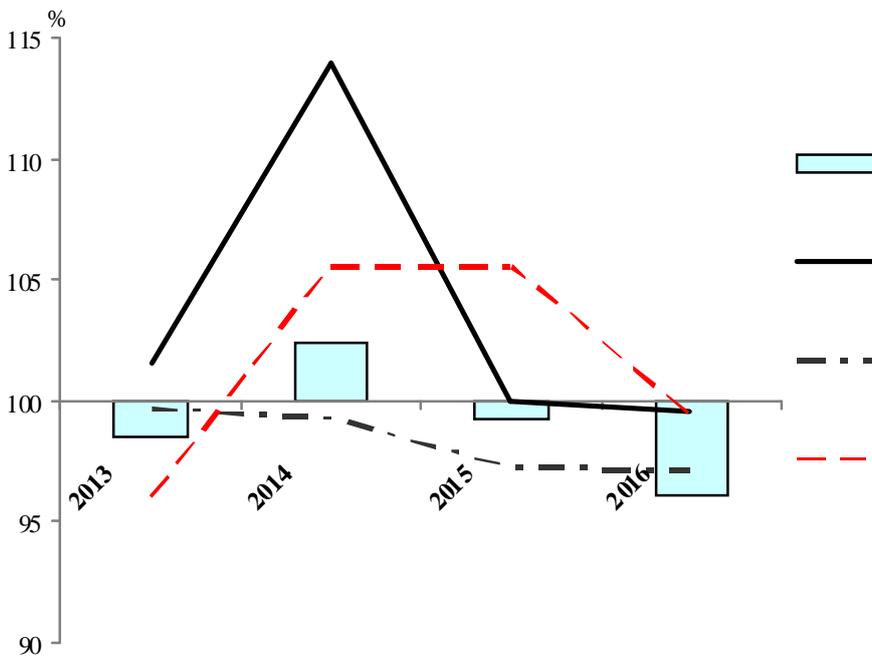
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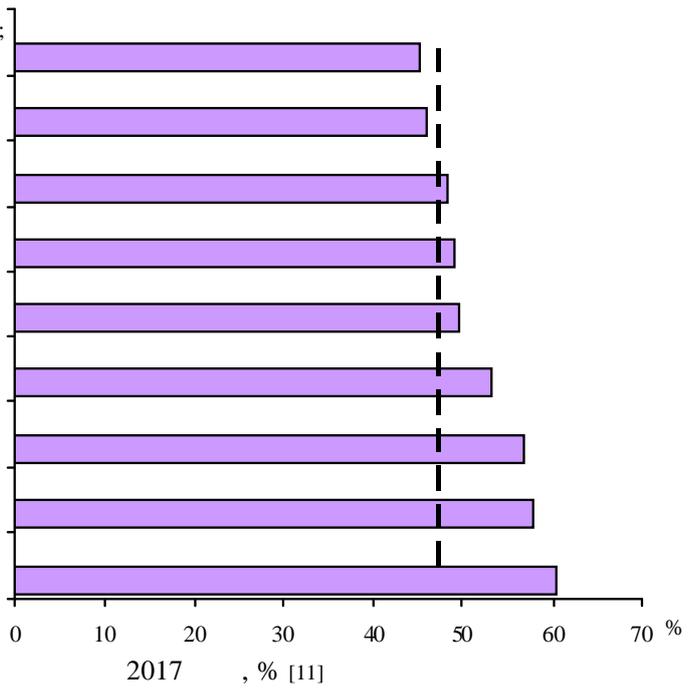
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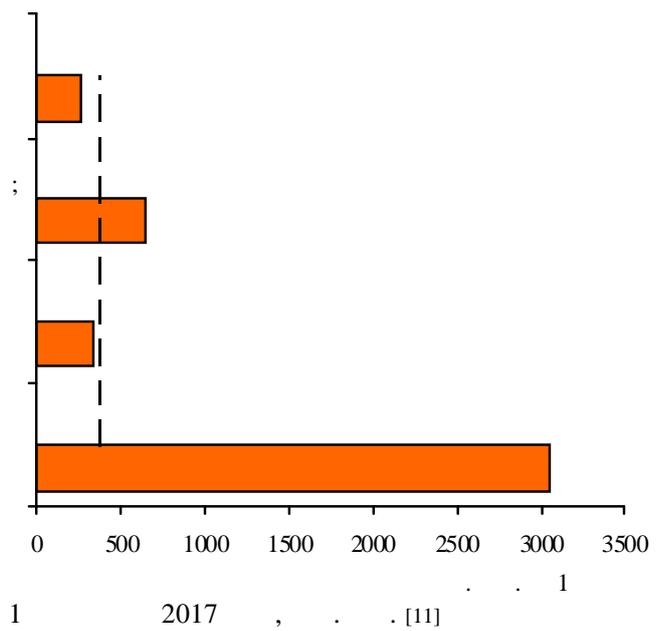


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