

Energy Efficiency and Energy Conservation in the Context of Innovative Industry Development and State Economic Security

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Research Methodology. The statistical methods (while analyzing of industry peculiarities of energy consumption), methods of comparison, logical and theoretical generalization, systematic approach (in the study of cause effect relationship of energy conservation and energy efficiency policy in industry and increase of its commodities competitiveness on the innovation basis) are used.

Results. Industry directions of stimulation of modernized shifts in the industry of Ukraine through the introduction of energy-efficient and energy-saving technologies are analyzed. The key legal documents in the sphere of state energy-saving policy in Ukraine are considered and the reasons of its poor performance are assessed. The measures to improve the efficiency of energy resources use in industry, the implementation of which will boost the development of innovation and improve economic security are offered.

Novelty. On the basis of industry peculiarities of energy resources use, the prospect directions of energy efficient and energy-saving technologies into manufacturing production, based on the analysis of energy consumption industry characteristics, are proposed. These directions will create a synergistic effect in the economy, give it a powerful impetus to innovation and raise the level of economic security.

Practical Significance. The proposed measures of state policy to improve the efficient use of energy resources, energy conservation in industry revitalization can be used by the Ministry of Fuel and Energy of Ukraine and other public authorities responsible for the energy security of the state.