

Summary

Subject matter: The improvement of the energy effectiveness of modern organizations at the regional level (on the example of KBR).

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Customer organization: KBR state Committee for energy and tariffs.

Topicality of the research is conditioned by the need for the reduction of the energy intensity of the GDP of the RF by 56 per cent up to 2030 in comparison with 2005. This goal can be achieved only by joint efforts of the state, its subjects and individual organizations.

Objective of the research is the discovery of the methods of the improvement of the energy effectiveness of organization and stimulation of energy saving on the basis of the analysis of the existing modern theoretical and methodological approaches.

Tasks:

1. to analyze the world experience in the sphere of energy consumption;
2. to specify the notions “energy saving” and “energy effectiveness”;
3. to analyze the existing models of the systems of energy management;
4. to reveal the regional specific features of the realization of the energy policy in KBR;
5. to elaborate a complex of recommendations on the improvement of the region’s energy effectiveness and registrate it officially as the prospect of the regional energy policy
6. to develop methods of the improvement of organization’s energy effectiveness at the regional level (on the example of KBR).

Theoretical and practical significance of the results of the research consists in the specification of the notions “energy effectiveness” and “energy saving”, revealing of the regularities and main ways of the improvement of the energy

effectiveness of the organization of all forms of ownership, and also in the development of the mechanisms of the stimulation of energy saving due to the realization of the regional energy policy and the introduction of the systems of energy management whose projects are obtained as a result of the research.

Results of the research. We have revealed the tendency of the world energy consumption, specified the notions of “energy saving” and “energy effectiveness”, conducted the analysis of the existing systems of energy management. Besides we have identified the regional specific features of the realization of the energy policy in KBR and elaborated a complex of recommendations on the improvement of energy effectiveness. We have developed the draft document “The regional energy policy of KBR”, and also “Methods of the introduction of the system of energy management in modern organizations”.

Recommendations:

1. The adoption of the KBR energy policy;
2. Stimulation of the improvement of energy effectiveness of the regional economic subjects by the introduction of the system of energy management;
3. The formation of the energy effective community.