

FOREIGN EXPERIENCE IN ENERGY SAVING MANAGEMENT

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In recent years, energy conservation is one of the priorities for many states. However, the creation of conditions for the implementation of promising technology projects on the current economic, environmental and social constraints in energy policy is a complex problem. Low energy efficiency of our economy, compared with foreign countries, leads to high costs for society to ensure its energy security in Ukraine. To improve the energy efficiency of energy use, the problem of rational use of energy resources is of particular importance.

The aim of the work is the study of foreign experience in energy saving management and the possibility of using it for the Ukrainian economy.

Today, developed countries pay considerable attention to energy efficiency in all sectors. Energy saving should be carried out along the completely technological chain - from energy production to its distribution and consumption. The experience of such countries as the USA, Latvia, Poland, Germany, and Denmark, has shown that an increase in energy efficiency can be achieving only with the implementation of state energy efficiency policies. Organizationally, energy saving can be implemented with the direct interest of the consumer in the efficient use of energy. That is why the growth of energy efficiency in our country is possible through the implementation of science-based and legally supported energy efficiency policies.

Also, analysis of the experience of foreign countries in ensuring energy efficiency showed that improvement of energy supply is possible with the implementation of promising technological projects, such as: the use of energy systems built according to the Smart Grid concept (China, USA, Japan and Europe) to increase the use of alternative fuels to generate electricity and heat supply; introduction of state standards of energy saving in the communal housing sector.

As is known, the situation with energy efficiency in each country is different, but the energy policy of the European Union countries in this area proves its efficiency and therefore should be using by our state.

Bibliography:

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