

## **INNOVATIONS IN THE SYSTEM OF ENERGY SAVING MANAGEMENT OF INDUSTRIAL ENTERPRISES**

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Big energy consumption of GDP of the country leads to declining in the competitiveness of production of domestic industrial enterprises both in internal and foreign markets. The use of alternative and renewable sources of energy allows reducing expenses of primary energy carriers and increasing energy efficiency of an enterprise in general. The inexhaustible energy of the Sun, now, is very slightly used in life and, especially, in the industry. Despite the almost year-round availability and technical simplicity of attraction of solar energy in power balance of the industrial enterprise, there is not enough scientific research of such energy saving devoted to the justification of economic efficiency now.

Questions of energy saving in the industries and increase in the energy efficiency of the enterprises and households are considered by a number of scientists. At the same time, there are unresolved questions of justification of expediency of introduction

in innovative solutions for energy saving management of the industrial enterprises in the aspect of using solar energy for the preparation of hot water for the needs of enterprises.

The objective of this research is a justification of the expediency of introduction of innovative solutions for energy saving management of the industrial enterprises in the aspect of using solar energy for the preparation of hot water for the needs of the industrial enterprise.

In the article, features of the introduction of innovative solutions in a system of energy saving management of domestic enterprises are considered. An attention is focused on the perspective direction of energy saving – the use of solar energy for water heating for sanitary needs of the enterprise. The monthly economy of funds under using solar collectors in the conditions of replacement of traditional energy carriers for the industrial enterprise is defined.