

Название публикации:

Practice of production system improvement in energy complex

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Аннотация:

The energy complex makes a significant contribution to the socio-economic development of the country. Russian energy industry at present faces a number of problems including high depreciation of infrastructure and production assets, as well as the gap in the technological backwardness of the industry with developed countries. Private energy enterprises also face such problems as energy surplus of regions, high competition from large companies, high prices for fuel, huge losses of heat energy during transportation, and non-payment of consumers. As a result all these factors reduce the level of the competitiveness of modern energy enterprises. The study aims to share the experience of lean manufacturing implementation with those who plan to do the same. The authors explain the difficulties and effects it is possible to expect from the implementation of tools of the lean production approach. In this paper we will deal with the experience of implementation of tools of lean production approach and its results in the case of Russia's largest private power company PJSC "T Plus", Saratov branch. It should be noted that the paper contains a number of implemented measures and tools for the development of the production system of PJSC "T Plus", Saratov branch. © 2018 IOP Publishing Ltd.

Ключевые слова:

Developed countries, Energy industry, Large companies, Manufacturing implementations, Production approach, Production assets, Production system, Socio-economic development