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Systematic approach to the assessment of energy complex efficiency for thermal energy production with heat power saving transformer turning on

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Abstract

© 2016, International Journal of Pharmacy and Technology. All rights reserved. On the basis of systematic analysis the article specified the criteria for energy efficiency evaluation of complex systems, including heat transformers and low-temperature sources designed for the production of additional energy. The variants of heat transformer turning on in different energy systems are presented, taking into account the specified criteria.

Keywords

Efficiency, Exergy, Heat, Heat transformer, System analysis