

# **Energy-and-Resource-Saving Technologies as Important Element of Bio-Physical Economic Theory**

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**Key words and phrases:** survival control methodology; non-renewable energy flows; waste energy flows; control contradictions; resource-saving technologies; market systems of the USA; balances economy; dissipation energy.

**Abstract:** Matters of resource saving as important part of a new biophysical economic theory are studied. Methodology of company control from the point of its survival is considered. Peculiarities of life cycle of technological machine going through several stages of its usage and requiring various forms of control are analyzed. Contradictions in control over technological machine with low energy consumption are identified.

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