

doi: 10.21307/ACEE-2020-032

ENERGY EFFICIENCY – ECOLOGICAL AND ECONOMIC PROFITABILITY

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Received: 5.11.2020; Revised: 14.11.2020; Accepted: 14.11.2020

Abstract

The aim of the article is to draw attention to both the average annual savings in the costs of consumed fuels and energy, as well as the possibility of obtaining additional funds in the case of implementing projects aimed at improving energy efficiency. On the example of an implemented investment in a cement industry company, the achieved energy savings and obtained economic savings in the form of reduction of fuel and energy costs were analysed. Moreover, it was shown what additional support can be obtained in the form of energy efficiency certificates, the so-called “White certificates”, issued by the President of the Energy Regulatory Office, and the resulting property rights become an exchange commodity and are traded on Towarowa Gielda Energii SA. The purpose of this article is to estimate how much money will be financed from the certificates.

Keywords: Energy efficiency; “white certificates”; Cement industry.