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METHODOLOGIES FOR EVALUATION OF THE BALANCING ENERGY IN THE LIBERALIZED MARKETS

ABSTRACT

This article presents the role of the electric balancing energy in the future liberalized energy market in the Republic of Macedonia, on the base of the world energy markets and electric companies experiences. The present role of hydro energy has been analyzed, as well as the existing tariff structure for forming the price of one MWh and the way of possible methodologies for balancing energy calculation in the future liberalized Macedonian energy market. Several calculation methods are analyzed, namely, through fixed tariffs connected with “day-ahead” spot market, totally flexible methodology where the balancing price is formed according the principle of trading at “day-ahead” spot market, as well as combined methodology with fixed zone and variable zone of fixed tariff.

Keywords: Spot Market, Peak Load, Base Load, Balancing Energy.