

# POSSIBILITY OF USING ALTERNATIVE ENERGY SOURCES FROM THE ASPECT OF THE ENERGY POTENTIAL AND POSSIBILITIES OF FINANCING

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**Abstract:** Paper shows possibilities of using renewable energy in Republic of Serbia (RS) from the aspect of energy potentials as well as from the aspect of possibilities of financing projects and their rentability. Even though RS has considerable energy potential in renewable energy, it is still in big way dependable on conventional energy sources which makes negative fact because the energy crisis, pollution and deficiency of raw material or their import. One of the most important barrier on switching to the cleaner technologies is deficiency of material resources for this type of investments despite numerous indicator of huge savings using alternative energy sources, underdeveloped national consciousness about the possibilities for using this type of energy sources and lack of information about funds which financing this type of investments. Paper analysis a plant which uses solar energy, which is financed by Provincial Secretariat for Energy and Mineral Resources of AP Vojvodina, Republic of Serbia.

**Keywords:** renewable energy sources, solar energy, european directive, environmental protection