

Photovoltaic Micro Installations - The Most Popular and Promising Way to Use Solar Energy in Poland*

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Abstract

Solar radiation energy is the most attractive of all renewable energy sources because its use does not cause any side effects, harmful emissions, depletion of natural resources of this energy, does not disturb the natural state of the environment. investment in renewable energy is becoming increasingly popular and promising. One way to harness the sun's energy is to produce electricity using photovoltaic cells. Micro photovoltaic installations have become a popular way to produce green energy and reduce bills. They are increasingly used in the daily lives of individual consumers, as well as in industry. The article analyse the use of renewable energy resources in the global and European markets, discusses the technologies of photovoltaic panel production and analyse the development of photovoltaics in Poland. The research part focuses on the electricity generated in prosumer micro-installation based on solar energy generated by photovoltaic cells.

Keywords: solar radiation energy, renewable sources of energy, photovoltaic micro installations