

Photovoltaic activities and its application in Yugoslavia

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This paper presents the activities and applications on solar cells in our contry. It contains historical development, technology status, including the research and development of various types of silicon solar cells.

The research work on solar cells in IBK-Vinča was initiated in 1974. The purpose of this work is to describe the basic properties of n/p silicon solar cells from domestical, 2" monocristaline silicon. Solar cells efficiency is about 11% nuder ferestrial sunlight condition. On this technology, a pilot production line in Ei-Niš was established.