## **SOLAR** PRO. Albania solar panel farming

Demand for solar and wind power plants prompted Albania to adopt a law allowing such installations on pastureland. Photovoltaic panels must be mounted at least five meters above ground. A tenth of Albania's surface is pastureland, of which up to 340,000 hectares are in state ownership and between 60,000 and 80,000 is private.

Successful photovoltaic (PV) projects and initiatives in Albania and neighboring countries demonstrate solar energy adoption"s tangible benefits and potential. In Albania, Spitalle Solar Park and Floating Solar Farms demonstrate the good intentions and efforts of our government and investors [53].

Piskova Solar Farming comprises a 3kWp photovoltaic (PV) plant that powers the water pump of Piskova, a village of about 2,000 inhabitants in southern Albania. While the installation covers only 10% of the pump"s electricity needs, it offers local farmers a discount on the high energy bills they incur for irrigating their land.

The Albanian Ministry of Infrastructure and Energy received four new applications regarding the issuance of permits to construct solar power plants in the Balkan country. The three proposed solar farms will have less than 2 MW installed capacity, allowing energy project initiators to benefit from government support measures.

Erni Solar is the developer and it intends to build the facility in the village of Bitinckë near Bilisht in Korça district in Albania"s southeast. Currently, there is only 23 MW in operational solar power capacity in the entire ...

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Trina Solar is supplying a system solution for a 67.5 MW PV farm with trackers in Topoje, Albania - without subsidies. The ground-mounted system, named Project Blue, is located in the southwestern lowlands of Albania, in Sheq - Marinas Fier, one of the regions with the highest solar irradiation in the country.

Along southwestern Albania's coastline, the sun shines bright--warming the 234,828 new solar panels at the Karavasta power station that will be connected to the country's energy grid in the coming weeks.

About 99.5% of energy in Albania is produced by hydropower plants (in summer there is not such rainfall). Many small power plants can not operate during the summer months, as water is needed for agriculture. The

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