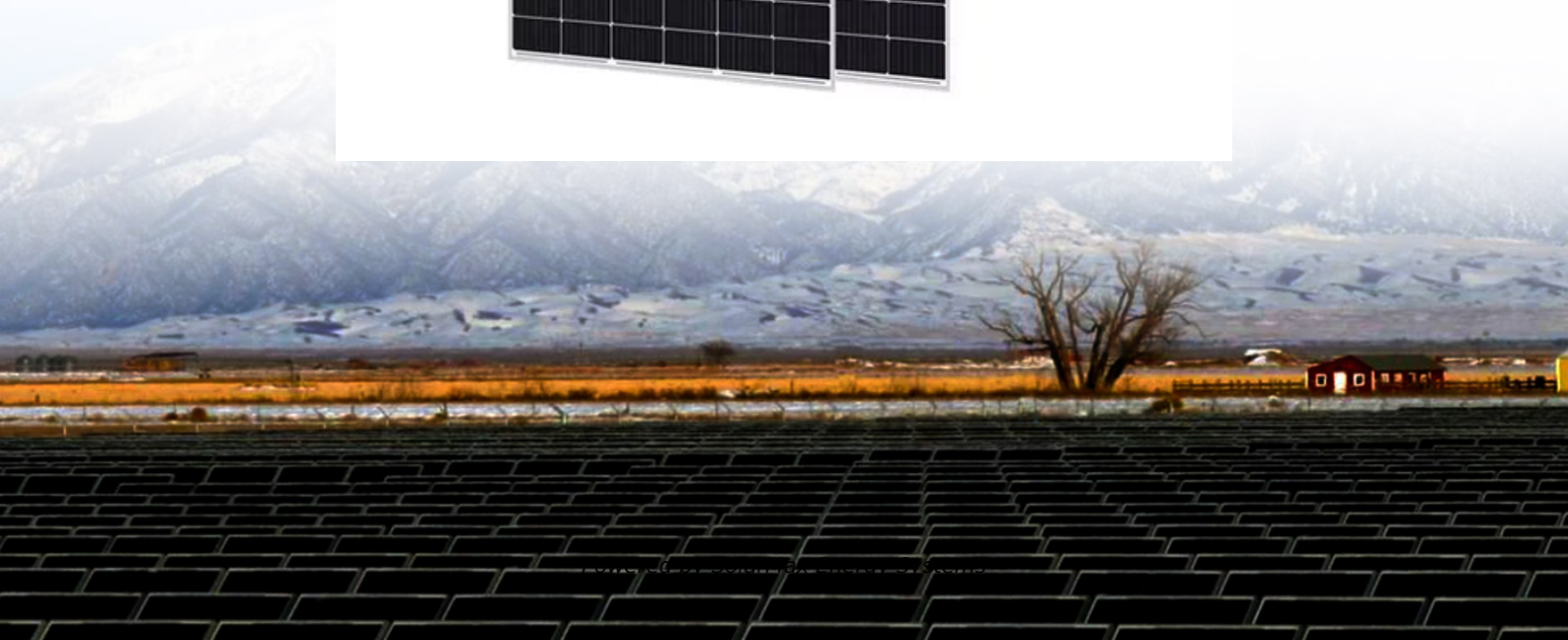


SolarMax Energy Systems

Albania communication base station hybrid energy and supporting facilities



Overview

How can Albania keep its electricity system clean?

Determined to keep its electricity system clean, Albania wants to go a step further. State-owned utility KESH added a ground-mounted solar power unit to one of its main hydroelectric stations, but the idea is to integrate a floating photovoltaic plant and a wind park as well.

What is a hybrid power plant?

The idea behind modern hybrid power plants is to balance an intermittent source with energy from another system. The most obvious pair are wind and solar energy, as wind is stronger at night and in the winter while photovoltaics only produce during the day and the peak is in the summer. It enables a more predictable total output for the operator.

Could a Floating photovoltaic plant and a wind park work in Albania?

State-owned utility KESH added a ground-mounted solar power unit to one of its main hydroelectric stations, but the idea is to integrate a floating photovoltaic plant and a wind park as well. It is an opportunity to create a globally unique model for combining renewable energy technologies. Albania has a specific electricity production system.

Can Floatovoltaics be installed in Albania?

Of note, Norwegian green energy company Statkraft has installed a floating solar power plant in Albania in 2021 on the reservoir of its Banja hydropower plant, which is another first for the country. The advantage of floatovoltaics is that they can be installed without property ownership issues.

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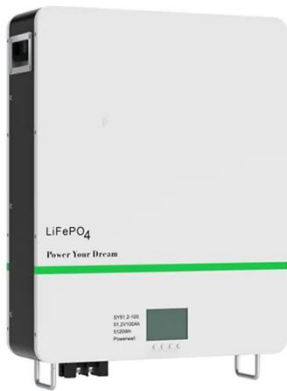
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