

Albania Industrial Park Energy Storage Project

Why does Albania need to import energy?

Changing weather patterns over the years have forced the country to import energy to cover domestic needs, as a lack of storage capacity requires Albania to sell its generated power during peak months of production.

Is Albania a good place to invest in renewables?

Opportunities for renewables, and especially for solar and wind energy, are extensive in Albania. According to IRENA's Renewables Readiness Assessment report (2021), the solar radiation is very high throughout most of its territory, with the country enjoying some of Europe's highest number of sunshine hours per year.

Does Albania need a diversified energy production mix?

The government of Albania seems to have already acknowledged the need for a diversified energy production mix. The Minister of Energy and Infrastructure, Belinda Balluku, has repeatedly highlighted that one of the key pillars of focus is the national strategy on energy diversification.

How can Albania solve the energy crisis?

In addition to eliminating the electricity deficit and taking electrification to new sectors, Albania can increase its potential to unlock new industries and investment using clean energy. The country can explore opportunities to produce green hydrogen through solar and wind power.

Will Albania build its first lithium ion battery plant?

Chief Executive Officer Bruno Papaj said the firm signed a memorandum of understanding with an Indian investor on the construction of Albania's first lithium ion battery plant. The facility is planned to come online within two years, with 100 MW in annual capacity.

Does Albania have a hydropower plant?

Hydropower makes up almost the entire domestic output in Albania, which helps balancing to a point, but it has no pumped storage hydropower plants. Furthermore, the country is exposed to drought and often turns to emergency imports.

You've probably noticed the construction cranes around Tirana's industrial parks. But here's what most people miss: these zones consume 38% more energy than Albania's national average.

Last month, Tirana's industrial zone experienced its third brownout this year - and it's only March. Factories lost 47 production hours collectively, costing an estimated EUR2.3 million in disrupted ...



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