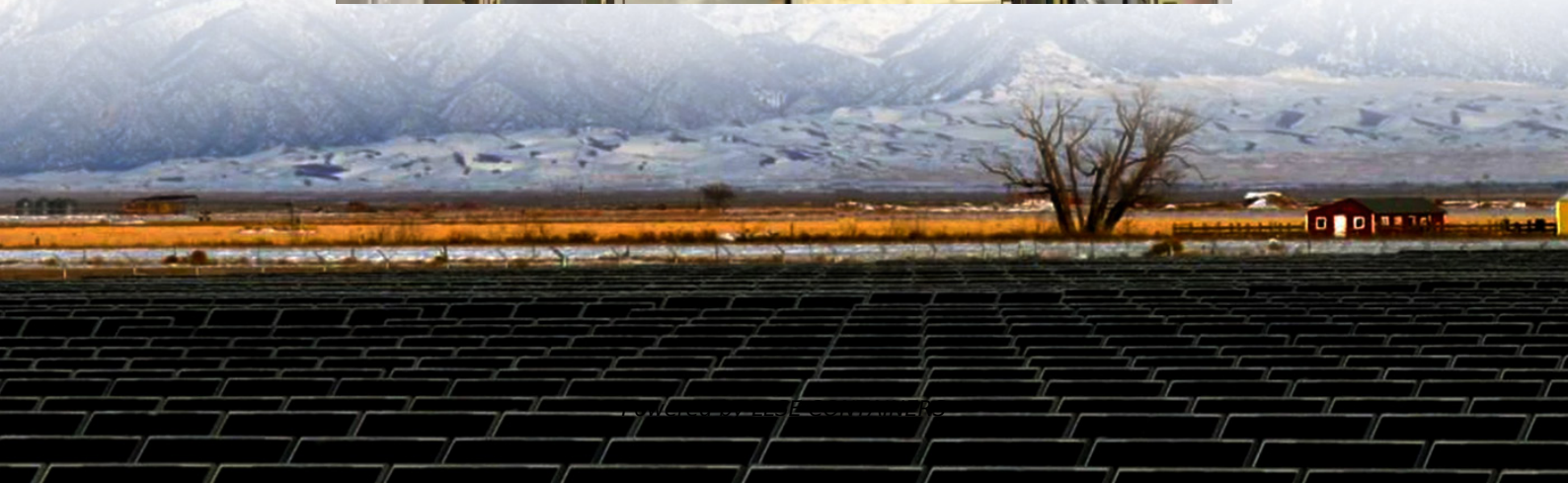
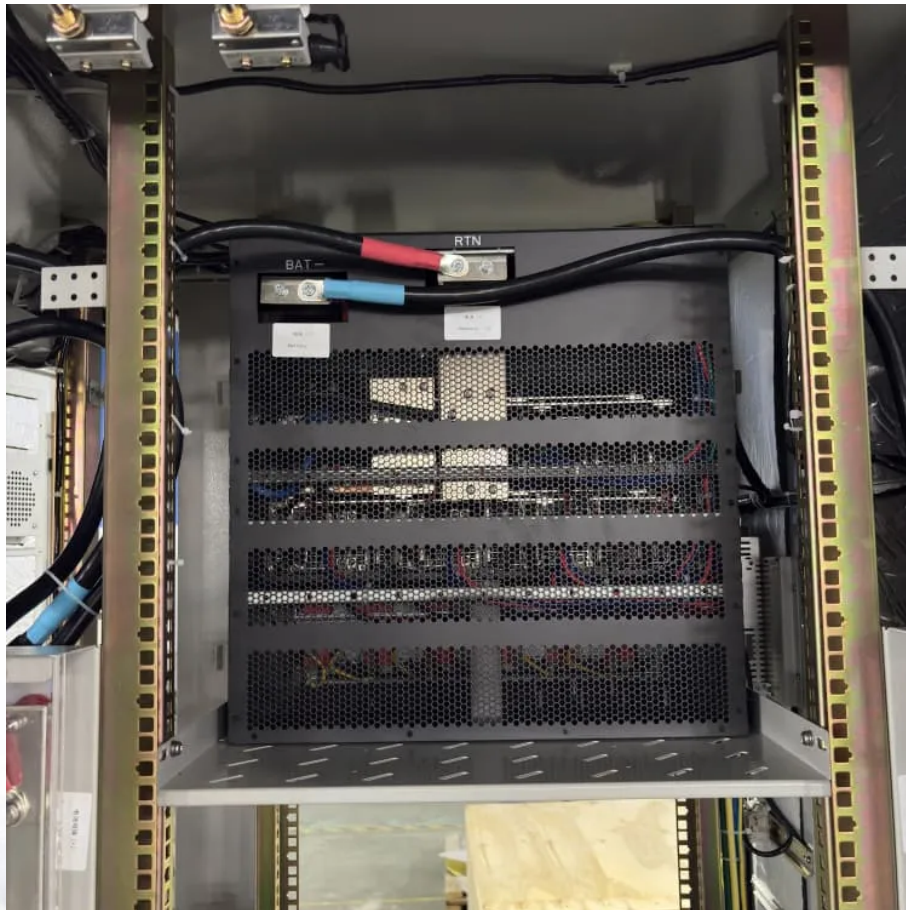


Uzbekistan s solar power generation with energy storage

20





Overview

What is solar energy policy in Uzbekistan?

This Solar Energy Policy in Uzbekistan Roadmap is part of the EU4Energy programme, a five-year initiative funded by the European Union. EU4Energy's aim is to support the development of evidence-based energy policy design and data capabilities in Eastern Partnership and Central Asian countries, of which Uzbekistan is a part.

What is the energy potential of Uzbekistan?

Uzbekistan has considerable renewable energy potential, a substantial amount of which lies in solar energy. The solar energy gross potential totals 2 134 x 10³ PJ, while technical potential is estimated at 7 411 PJ, which is equivalent to almost four times the country's current primary energy consumption (Table 1).

What are Uzbekistan's renewable generation and solar capacity targets?

Table 3 summarises renewable generation and solar capacity targets. * The government of Uzbekistan is currently considering increasing 2030 solar capacity targets to 7 GW.

Will Uzbekistan reach its maximum capacity of solar energy?

Nevertheless, a more comprehensive set of policies and support mechanisms will be required to reach Uzbekistan's maximum capacity of solar energy and further increase solar energy toward 2030. The government should consider bundling the range of actions needed to ensure the use of all types of solar energy resources.



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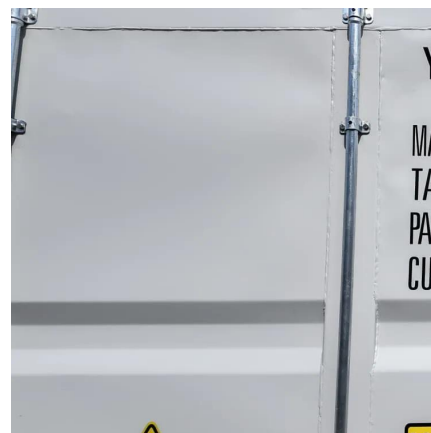
ENERGY PROFILE Uzbekistan

Indicators of renewable resource potential Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity ...



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