



MODERNIZATION SOLAR

Central Asia Solar Power System





Overview

Does Central Asia have a potential for solar power?

There is much room for growth: the technical solar power potential of Central Asian countries exceeds their current power generation levels by a factor of twenty (Eshchanov et al. 2019b). For wind power, the potential is even higher, with 70% of this concentrated in Kazakhstan (Eshchanov et al. 2019a). Yet, there are many challenges ahead. .

How difficult is the energy transition in Central Asia?

The energy transition implies difficult political decisions that governments and societies are not fully ready for. It also requires enhanced regional cooperation and coordination that would allow Central Asian countries to have more diversified and reliable energy systems. The obstacles are substantial but not unsurmountable.

What is the USAID power Central Asia activity?

The USAID Power Central Asia Activity is assisting the five Central Asian countries — Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan, and Uzbekistan — to meet their national and regional priorities in energy security and unlock the economic benefits of regional energy trade. Happy Nowruz Holiday! Happy Holidays! Happy Nowruz Holiday!.

Are Central Asia's energy grids running down?

Energy grids in Central Asia, inherited from the Soviet times, are run down and ineffective. Major investments are needed for upgrading them and making them sufficiently flexible to integrate intermittent resources into national power systems.



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