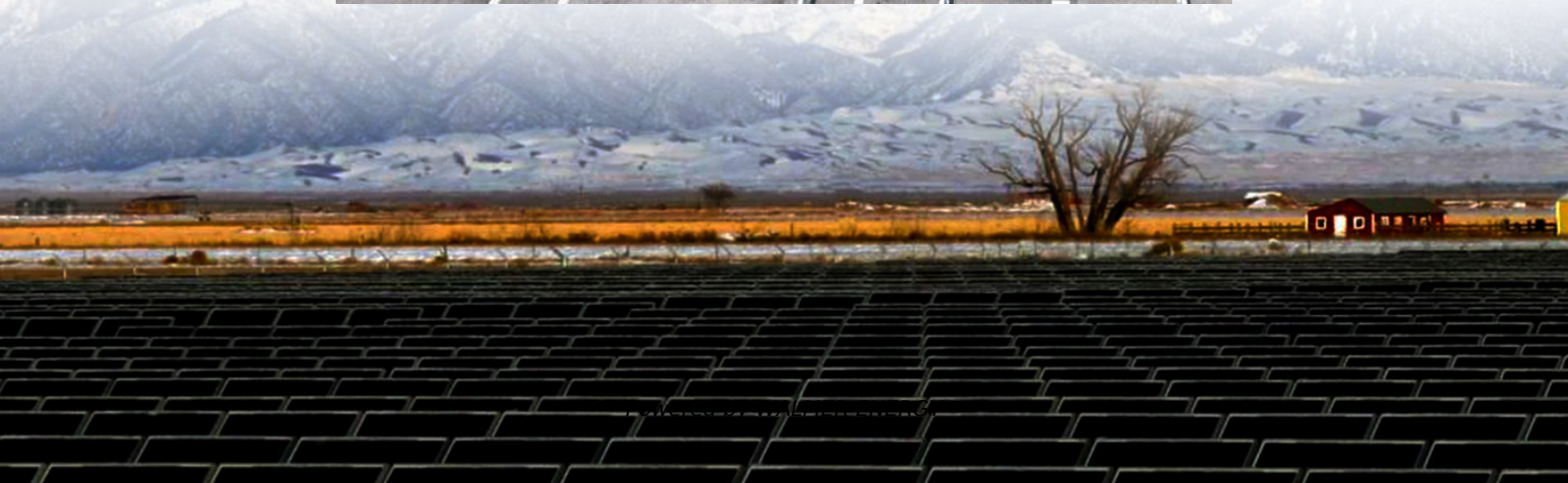


Turkmenistan s solar power generation is all equipped with energy storage





Overview

What are Turkmenistan's main energy sources?

Turkmenistan's main energy sources are oil and gas. While it does have tremendous wind and solar power with 300 sunny days per year (equaling 2,00 kW/m²/yr) and wind potential equal to the country's fossil fuel potential, its wealth of oil and gas overshadow these potentials.

How will Turkmenistan transition to a digital system?

The support for this process is directed by the Decree of the President of Turkmenistan adopted in 2020, which approved the "Program for the Transition of the Sphere of Science in Turkmenistan to a Digital System for 2020-2025", highlighting the tasks of ensuring the integrity of academic science, higher education and production.

How to assess wind energy resources in Turkmenistan?

To assess wind energy resources within Turkmenistan, wind speed values at different heights are used. Wind directions, repeatability, strength and speed were determined.



Turkmenistan s solar power generation is all equipped with energy

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