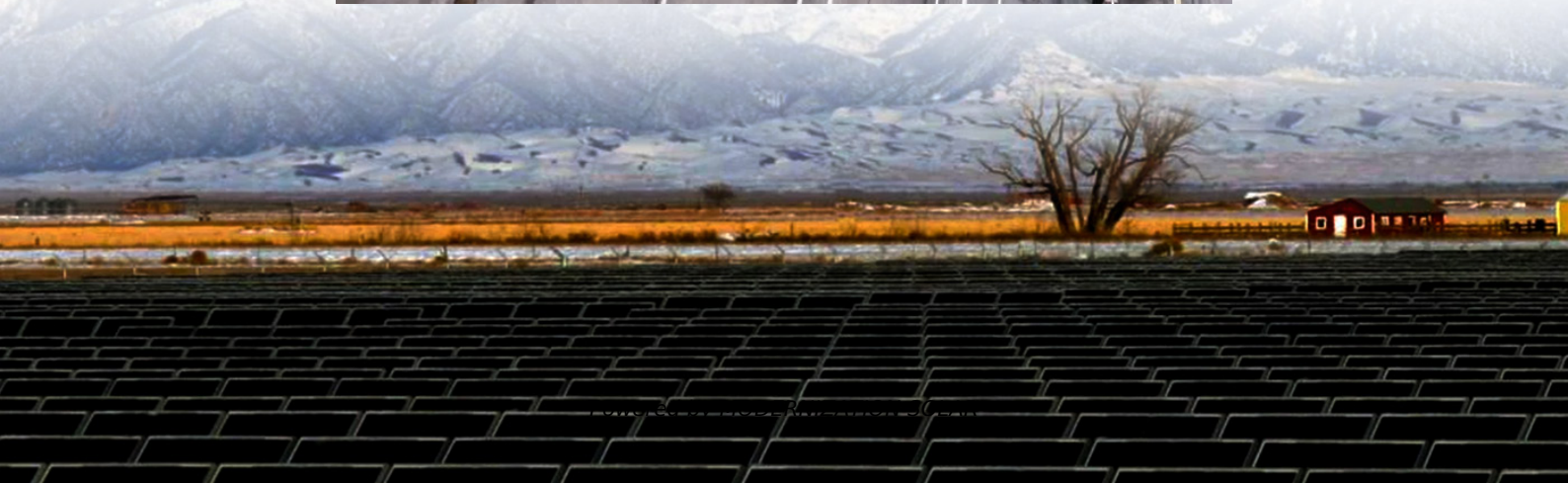
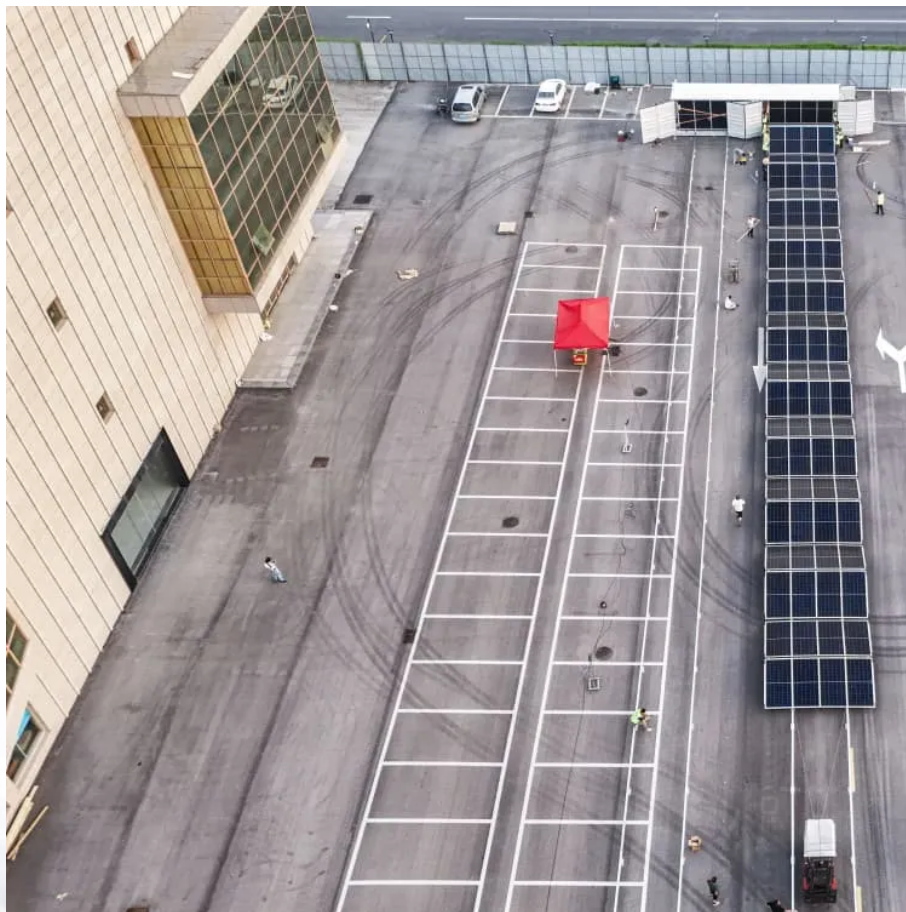


# **The development prospects of backup power storage in Turkmenistan**





## Overview

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Does Turkmenistan have a potential for energy savings?

Turkmenistan has considerable potential for energy savings through the implementation of energy efficiency measures on the consumption side. Based on existing inefficiencies and baseline consumption figures, the residential and services sectors were identified as high priority.

How to reduce energy consumption in Turkmenistan?

Moreover, modernization efforts that may be considered include basic construction elements, such as roofs, unheated cellars, and frame fillings. Implementing building energy management systems and shifting toward smart metering are other known technologies that could significantly reduce energy consumption in Turkmenistan.

Should Turkmenistan develop an international road map for hydrogen energy?

For instance, in 2021, during a high-level United Nations Global Roundtable, Turkmenistan's leadership identified the development of an international road map for hydrogen energy as an energy sector priority and emphasized the country's readiness to begin expert discussions on the methods and criteria for implementation.

Can smart metering reduce energy consumption in Turkmenistan?

Implementing building energy management systems and shifting toward smart metering are other known technologies that could significantly reduce energy consumption in Turkmenistan. Carbon Emissions Outlook  
Turkmenistan demonstrated its commitment to tackling climate change in issuing the National Program on Climate Change in 2012.



## The development prospects of backup power storage in Turkmenistan

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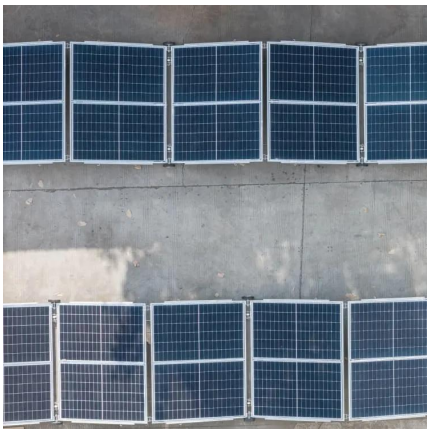


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