

Tajikistan hydrogen energy storage

Hydropower-rich Tajikistan plans to produce 1 million metric tons of green hydrogen by 2040 for usage at home and exports to neighbouring central Asian countries, its Minister of Energy and Water Resources Daler Juma told Reuters on Monday.

Hydropower generates nearly all electricity of the Central Asian nation of Tajikistan and which imports the bulk of its oil product needs from Russia. According to the International Energy Agency, Tajikistan's hydro potential is exploited at around 4%.

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But as climate change has seen Tajikistan's glaciers melting, the country wants to have 10% of its electricity coming from sources other than hydropower, including from solar and wind, by 2030, to diversify electric power sources, Juma added.

Besides, Daler Juma also participated in the first meeting of Economy and Energy Ministers of the 'Central Asia plus Japan' Dialogue that took place in Tokyo on September 26. According to Tajikistan's Embassy in Tokyo, the parties discussed issues related to a Net-Zero society in Japan and Central Asia, policies for the energy transition as well as implementation of potential energy transition projects with participation of Japan.

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