



How many hydrogen energy stations are there in Tashkent





Overview

In Tashkent Region's territory land has been allocated for the construction of 29 small and micro HPPs. Their total capacity will be more than 2.5 MW.

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Recently, the Tashkent Green Hydrogen Project in Uzbekistan, the first green hydrogen EPC project in Central Asia contracted and constructed by East China Engineering Corporation (ECEC), officially entered the hydrogen production phase, laying a solid foundation for its full-scale operation. The.

On December 13, at the International Congress Center, President Shavkat Mirziyoyev launched 18 new power plants worth 3.7 billion dollars during the ceremony of commissioning energy sector facilities and projects. Through these new projects, more than 4 million households will be supplied with.

On June 27, 2025, the first green hydrogen EPC project in Central Asia, the Uzbekistan Tashkent Green Hydrogen Project, which was jointly contracted by China Power Construction East China Institute, officially entered the hydrogen production operation stage, laying a solid foundation for full.

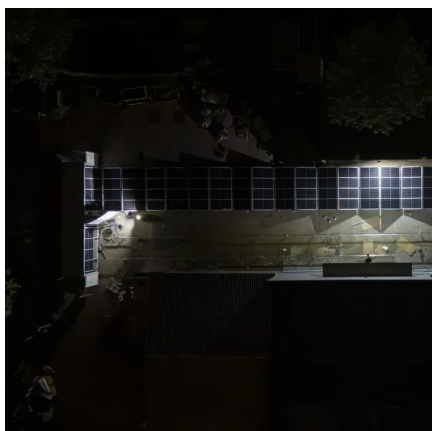
Tashkent power station (Ташкентская ТЭС) is an operating power station of at least 1780-megawatts (MW) in Salar, Tashkent, Uzbekistan with multiple units, some of which are not currently operating. Loading map. Unit-level coordinates (WGS 84): CHP is an abbreviation for Combined Heat and Power.

PowerChina's operational 20MW green hydrogen facility in Tashkent marks the first manifestation of this execution gap in Central Asia, where the company's alkaline electrolyser technology aims to replace grey hydrogen at the Maxam chemical plant, thereby reducing annual CO2 emissions by 30,000.

The Tashkent regional administration has announced plans to construct 29 small and micro hydropower plants (HPPs) across the region, allocating 6.7 hectares of land for the initiative. According to the regional government, the total installed capacity of the new facilities will exceed 2.5 megawatts.



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Central Asia's first green hydrogen EPC project is put into ...

Among them, 52MW wind power has been put into full capacity in mid-May to generate electricity. The core hydrogen production facility of the project is located in the ...

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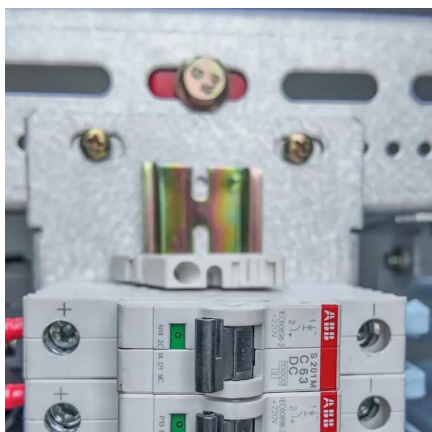
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Through these new projects, more than 4 million households will be supplied with uninterrupted clean energy. 4 small hydropower stations in Andijan, Surkhandarya, and ...

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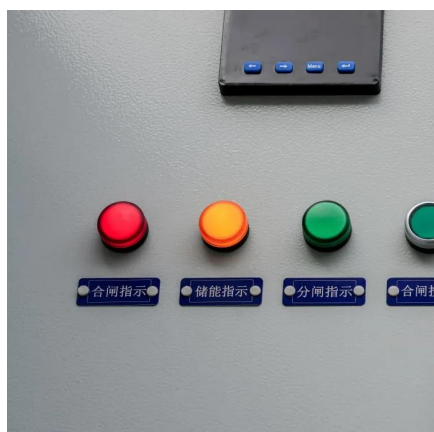


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President Shavkat Mirziyoyev got acquainted with the energy facilities constructed on the territory of New Tashkent. The modern trigeneration technology allows to ...



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According to the company, hydroelectric power stations were built in Tashkent, Andijan, Samarkand and Surkhandarya regions. In particular, three large and five micro ...

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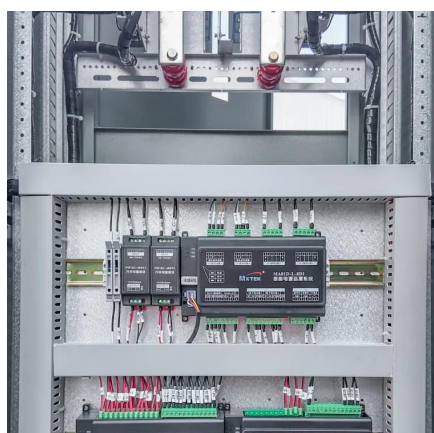
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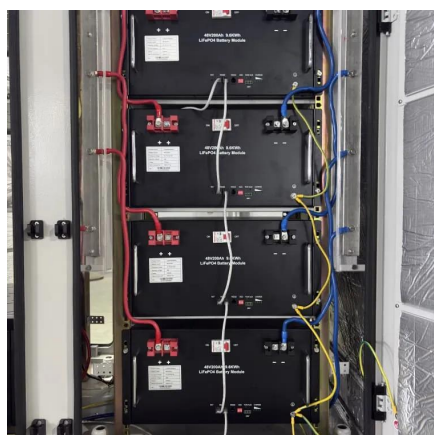
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Tashkent power station

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Green Hydrogen Project Tracking

The project comprises two parts: a 52MW wind power plant and a 20MW green hydrogen facility. The 52MW wind power plant achieved full-capacity power generation in mid ...

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The core hydrogen production facility is located at the MAXAM Chemical Plant in Tashkent, the capital of Uzbekistan. It adopts ALK electrolysis technology, equipped with ...

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Most hydrogen consumers are near the natural gas grid, facilitating cost-effective pipeline development. This proximity eases the transition from natural gas to hydrogen. Navoi City is ...

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