

Uzbekistan Hybrid Compression Energy Storage Project



Overview

The project follows the signing of a power purchase agreement (PPA) between Voltalia and the Government of Uzbekistan in March 2025. The agreement formalised the creation of the Artemisya cluster, the first hybrid project in Central Asia combining solar, wind and energy storage. Voltalia announced on New Year's Eve 2025 (31 December) that it has started deploying a 100MW/200MWh battery energy storage system (BESS) and 100MW of. Construction has begun on Voltalia's large-scale hybrid renewables development in Uzbekistan, marking a major step forward for a flagship project solar, wind, and battery storage initiative in Central Asia. Commissioning is scheduled for 2027. This development marks the official entry of Uzbekistan's power system into the era of multi-energy. Uzbekistan is accelerating its transition toward sustainable energy infrastructure with the development of a comprehensive hybrid renewable cluster by Voltalia. The first phase includes a 100 MW / 200 MWh battery storage system and a 100 MW wind power.

Uzbekistan Hybrid Compression Energy Storage Project



526MW! Uzbekistan Launches First Wind Solar Storage Hybrid Project

PVTIME - The French company Voltalia has begun construction of the Artemisya hybrid energy cluster in Uzbekistan, the country's first integrated project to combine solar, wind and energy ...

Voltalia constructing hybrid renewables-plus-storage 'cluster' in

French renewable energy power producer Voltalia has begun construction of its Artemisya "strategic cluster" project in Uzbekistan, Central Asia.



Voltalia signs long-term power purchase agreement in Uzbekistan

French company Voltalia signed a 25-year power purchase agreement in Uzbekistan for its hybrid cluster, which combines solar and wind power with energy storage. The company is also ...

Voltalia Advances Hybrid Renewable Cluster with Storage in Uzbekistan

Uzbekistan is accelerating its transition toward sustainable energy infrastructure with the development of a comprehensive hybrid renewable cluster by Voltalia.



Voltalia signs PPA for 526MW Uzbek hybrid renewables-plus-storage project

French renewable energy company Voltalia has signed a 526MW hybrid renewables power purchase agreement (PPA) with the Uzbek state energy purchasing company, JSC ...

Voltalia starts building 200 MWh BESS, solar, wind project in Uzbekistan

French developer Voltalia's Artemisya hybrid project includes 100 MW/200 MWh of battery storage based on a 15-year contract. Commissioning is scheduled for 2027. The first phase of ...



Construction begins on Artemisya hybrid storage and wind cluster in

Home Energy Storage (Stackble system)



The project follows the signing of a power purchase agreement (PPA) between Voltalia and the Government of Uzbekistan in March 2025. The agreement formalised the creation of the ...

Start of construction for the Artemisya hybrid cluster in Uzbekistan

In March 2025 1, Voltalia signed a Power Purchase Agreement (PPA) with the Uzbek government during a ceremony at the Élysée Palace. This agreement was decisive for Artemisya, ...



Voltalia begins construction of hybrid project in Uzbekistan

Voltalia has commenced construction of the Artemisya hybrid energy cluster in Uzbekistan, covering battery storage and the first phase of wind capacity. The initial phase includes a ...



Project Solar and Storage Momentum Builds as Voltalia Starts

Construction has begun on Voltalia's large-scale hybrid renewables development in Uzbekistan, marking a major step forward for a flagship project solar, wind, and battery storage ...



Outdoor Cabinet BESS
50 kWh/500 kWh Battery Storage System
Industrial and Commercial Energy Storage

- All in One**
Integrating battery packs
- High-capacity**
50-500kWh
- Degree of Protection**
IP54
- Operating Temperature Range**
-20-60°C (Derating above 50 °C)
- Intelligent Integration**
integrated photovoltaic storage cabinet
- Rated AC Power**
50-100kW
- Altitude**
3000m (>3000m derating)

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