

# TASHKENT NEW ENERGY STORAGE PLANNING



What's going on with the Tashkent Riverside Project in Uzbekistan? From pv magazine ESS News site Saudi-listed ACWA Power has announced the completion of the dry financial close for the \$533 million Tashkent Riverside project in Uzbekistan, near the country's capital city of Tashkent. The greenfield development will involve a 200 MW solar plant and a 500 MWh BESS that will serve to stabilize the Uzbek grid.



Will Uzbekistan fund a 250-megawatt solar photovoltaic plant? TASHKENT, May 21, 2024 ??? The World Bank Group, Abu Dhabi Future Energy Company PJSC (Masdar), and the Government of Uzbekistan have signed a financial package to fund a 250-megawatt (MW) solar photovoltaic plant with a 63-MW battery energy storage system (BESS).



Why is long-term energy and grid development planning important in Uzbekistan? Moreover, long-term energy and grid development planning provides developers with business stability and predictability in Uzbekistan, contributing to further solar energy deployment in a cost-competitive manner.



Who will sell electricity to in Uzbekistan? The project company is committed to selling electricity to the state-owned National Electric Grid of Uzbekistan JSC under a 25-year Power Purchase Agreement for the project, including a 10-year operating term for the BESS component, signed by these two entities.



Where is the PV plant located in Tashkent? No constraints have been identified along the international transit corridor. The PV plant site is located along the 4R-12 district highway, which links feeder roads within the districts of Yukorichirchik, Parkent and Kibray to the ring road along the outskirts of Tashkent City. The single carriageway is paved and in good condition.

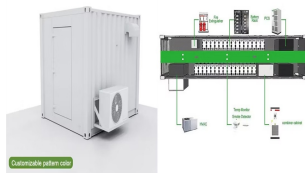
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Does Uzbekistan need a solar energy roadmap? The government of Uzbekistan needs to periodically monitor its progress toward a solar energy future and to review policies and actions where appropriate. This roadmap provides a timeline through 2030 with key actions.



A competition winning masterplan for the new development has been produced by British design & technology studio Cross Works. The firm engaged Buro Happold on behalf of the client, to deliver a comprehensive strategic review of the plans, assessing a broad range of aspects including strategic planning and urban economics, transport and mobility, infrastructure and ???



Land Acquisition and Livelihood Restoration Plan (LALRP) 0 1

INTRODUCTION ACWA Power intends to undertake the development and operation of a 200 MW Photovoltaic (PV) Plant and 500 MWh Battery Energy Storage System (BESS), in partnership with the Ministry of Energy of the Republic of Uzbekistan, and with international financing from Development

114KWh ESS



ACWA Power has signed agreements to develop 1.4GW of solar PV and 1.2GW of energy storage projects in Uzbekistan. a 400MW plant in the Tashkent region ??? and three 400MW storage projects



The European Bank for Reconstruction and Development (EBRD) has allocated a new loan to ACWA Power for the development, design, construction and operation of a 200 MW solar photovoltaic power plant and 500 MWh battery energy storage system (BESS) located in the Tashkent region in Uzbekistan.

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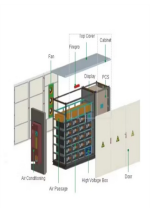


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These agreements cover the development of three solar photovoltaic projects in Tashkent and Samarkand and three battery energy storage systems in Tashkent, Bukhara, and Samarkand. Uzbekistan targets inflation drop to 5% by 2027 with new fiscal measures . 31 October, 09:37. Latest news. OTS summit in Kyrgyzstan adopts Turkic World Charter



Tashkent's draft general plan until 2045 was presented to the president, proposing to divide the city into three zones: conservation, reconstruction and renovation. The plan emphasizes environmental issues, the "15-minute city" principle and developing adjacent districts into a single agglomeration.



The agreement today for the Tashkent Riverside project reflects the strong trust placed in ACWA Power as the private sector partner, and one of the global leaders in renewables and energy storage. This trust is built on our unparalleled track record and we look forward to the successful execution of this new project to contribute to the country



UAE-based renewable energy company Masdar has expanded the scale of an agreement with the government of Uzbekistan to develop battery energy storage systems (BESS). A joint development agreement (JDA) was signed between the pair in May 2023 for 2GW of wind energy and 500MWh of battery storage, as reported by Energy-Storage.news at the time.



Central Asia is conducting research and planning on the new energy vehicle industry, striving to promote the development of this emerging industry at a high starting point and level Uzbekistan's 2022-2026 Development Strategy proposes the strategic goal of transitioning to a "green economy", with a focus on the production of electric new energy

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PV plant and a 500-megawatt hour (MWh) Battery Energy Storage System (BESS) in Tashkent Region. The agreement will be executed over a period of 25 years and 20 years from the planning is aimed at leveraging expert and local knowledge and minimizing the E& S risks of



New Tashkent City is the vision for the future of Tashkent that scrutinizes critical aspects of master planning in setting out the country's long-term development goals and including provisions for improving infrastructure, promoting economic development, enhancing community, enriching ecosystem services, and increasing the habitability profile



On March 21, the National Development and Reform Commission (NDRC) and the National Energy Administration of China issued the New Energy Storage Development Plan During China's "14th Five-Year Plan" Period. The plan specified development goals for new energy storage in China, by 2025, new



The draft master plan until 2045 assumes that the city of New Tashkent will be built to the east of the capital, between the Chirchik and Karasu rivers. It will cover an area of 20,000 hectares. However, by 2045 only 6,000 hectares are planned to be developed. Housing for 500 thousand people will be built here.



Saudi energy provider ACWA Power has signed an engineering, procurement, and construction (EPC) contract with China Energy Group Corporation (CEEC) for a 1.4GW solar project in Uzbekistan.

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Therefore, energy storage users are expecting a new energy storage utilization way with lower costs. In the optimal energy storage planning model, the energy price of renewable power is set to be \$100/MWh, of which \$30/MWh are government subsidies [43].



Tashkent ? Uzbekistan Navruz Palace, Tashkent Convention and Exhibition Center, Uzbekistan Tashkent 5, Furkat str., Shaykhontour district, Tashkent Central Asia is conducting research and planning on the new energy vehicle industry, striving to promote the development of this emerging industry at a high starting point and level



ACWA Power has signed agreements to develop 1.4GW of solar PV and 1.2GW of energy storage projects in Uzbekistan. a 1GW facility in the Samarkand region and a 400MW plant in the Tashkent region ??? and three 400MW storage projects. The investment agreements form part of a US\$10 billion plan signed last year between ACWA Power and the



New technologies should be pursued while also improving the levels of safety, resilience, reliability, security, and affordability of already proven technologies. Draft 2021 Five-Year Energy Storage Plan:

Recommendations for the U.S. Department of Energy Presented by the EAC???April 2021 4 including not only batteries but also, for example

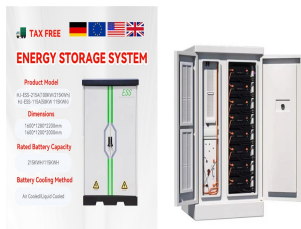


TASHKENT, May 21, 2024 ??? The World Bank Group, Abu Dhabi Future Energy Company PJSC (Masdar), and the Government of Uzbekistan have signed a financial package to fund a 250-megawatt (MW) solar photovoltaic plant with a 63-MW battery energy storage system (BESS).The project aims to expand clean and reliable electricity access to approximately 75,000 households.

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Energy-Storage.news" publisher Solar Media will host the 5th Energy Storage Summit USA, 28-29 March 2023 in Austin, Texas. Featuring a packed programme of panels, presentations and fireside chats from industry leaders focusing on accelerating the market for energy storage across the country. For more information, go to the website.



The project will be located in the Tashkent region and will be developed as a "Build, Own, Operate, Transfer" project. Land Acquisition and Livelihood Restoration Plan ??? English; Stakeholder Engagement Plan ??? English; KEY FACTS. using bi-facial panels with tracking technology, and battery energy storage system PROJECT COST.



A solar energy roadmap for Uzbekistan by 2030. Uzbekistan has great renewable energy potential, especially for solar energy. With a view to ensuring energy security while optimising renewable energy resources, the government has ???



On September 5, 2023, President Shavkat Mirziyoyev of Uzbekistan unveiled the ambitious "New Tashkent City" project, a significant urban development initiative aimed at addressing the growing population and infrastructure demands of the capital city, Tashkent.. Source: Press service of President. Background. Tashkent, the capital city of Uzbekistan, currently hosts a population of



ACWA Power completes \$533m financing for Tashkent energy project. The Tashkent Riverside project includes a 500MWh battery energy storage system ??? the largest in Central Asia ??? and a 200MW

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Tashkent Twin City Towers (TTCT) in District 1 of our New Tashkent Masterplan, Uzbekistan stands as a symbol of Tashkent's expansion to the east; and the commercial core of the first phase of the development. The tower would be the 5th tallest building in the world (2024), and would act as a counterpoint with the old center of the existing