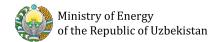


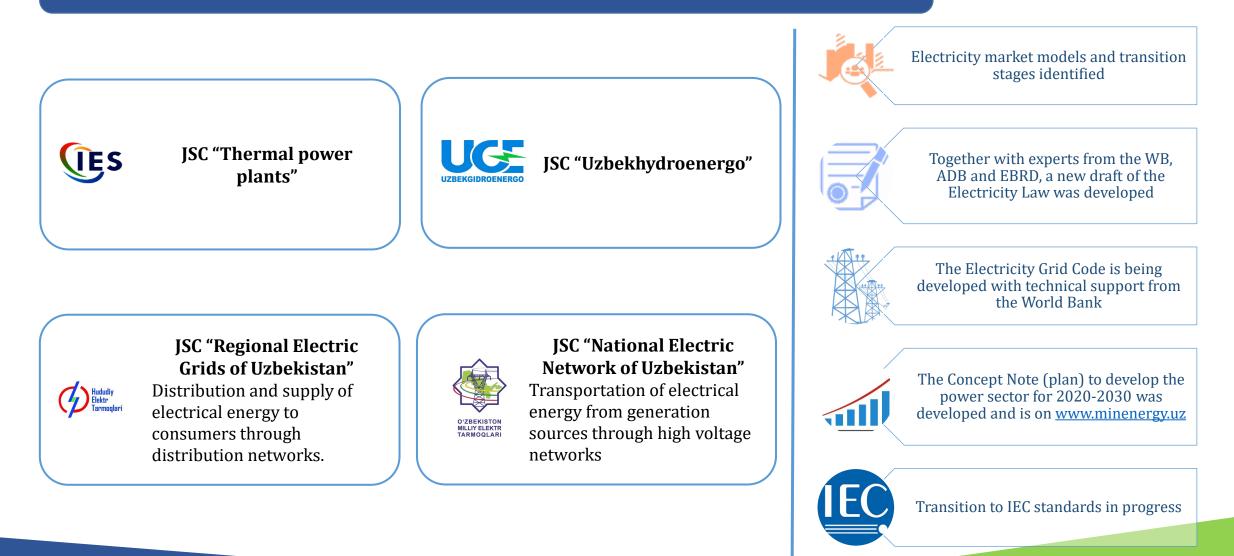
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Uzbekistan: Power sector overview

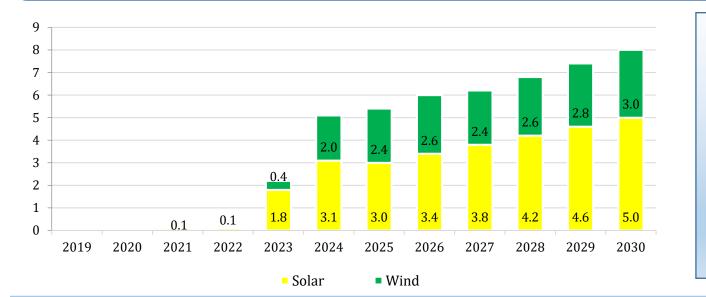


Reforms – Unbundling and other





Renewables - Long-term targets

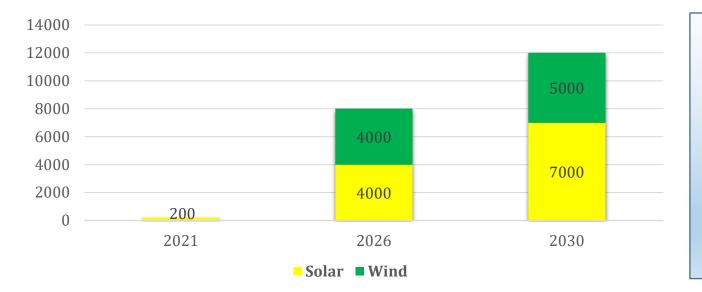


Initial targets on renewables for 2030 were:



Solar power plants – 5000 MW;

Wind power plants - 3000 MW;



After 2021 tenders for solar and wind, President set new targets:





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Renewable Targets - Implementation



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			WORKS done in 2019-2022			
			Commissioned project	ct l		
✓	Completed tenders	7	Projects:	Masdar (UAE) Total Eren (France)	TOTAL eren	
	Signed projects	12	Total capacity	200 MW		
	Capacity of signed projects 4	4.2 GW	Total annual power output	500 mn kWh	There is a second secon	International Finance Corporation
			Total annual natural gas savings	150 of gas	and the	WORLD BANK GROUP
	The value of signed projects	3.8 bn USD	Total annual decrease of CO2	200 thousand tons	L'éner	A fries
			Funds raised by the investor under the project	200 mn USD		\bigcirc

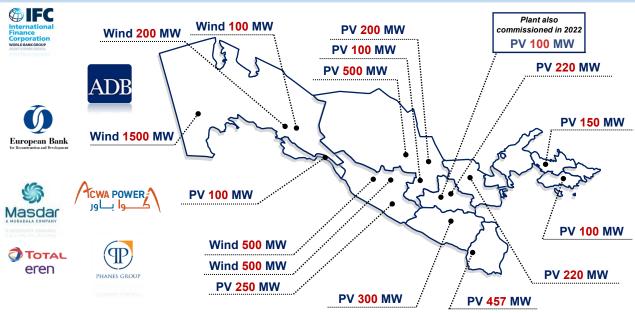
Works dong in 2019-2022

Works planned for 2026

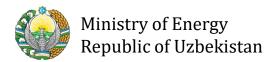
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The total capacity of renewables				
The capacity of solar PV power plants				
The capacity of wind power plants				
Total annual energy production				
Total annual gas savings				
Total investments				
Creation of permanent jobs				
Prevention of CO2 emissions				

8 000 MW
4 000 MW
4 000 MW
22,7 bn kWh
<mark>8,8</mark> bn m3 of gas
7,6 bn USD
2 000 new workplaces
9,1 mn tons



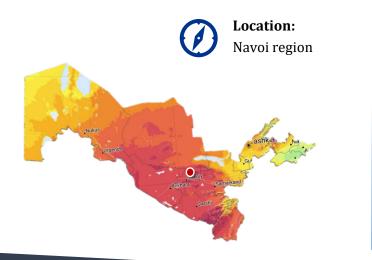
Projects with the support of IFC



The Government of the Republic of Uzbekistan and International Finance Corporation (IFC) signed an agreement to attract consulting services and increase the capacity of the Scaling Solar projects to 1000 MW of PV stations.

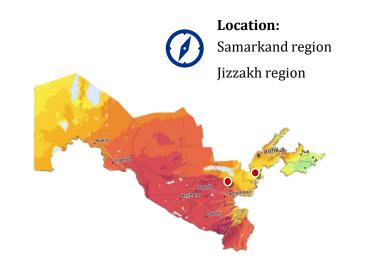


We, together with IFC, conducted a competitive selection of potential companies for the implementation of a pilot investment project of a solar PV station with a capacity of **100 MW** on the basis of PPPs and based on the results "**Masdar**" (UAE) company was recognized as the winner.





In February 2020, there was an announcement about the next projects - "Construction of two PV stations with the capacity of **440 MW** each in Samarkand and Jizzakh regions". At the end of the EoI process, **84 companies and/or consortiums** worldwide expressed their interest to participate on the bidding. "**Masdar**" (UAE) company was recognized as the winner.

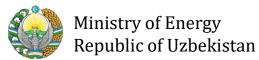




In August 31, 2021, there was an announcement about the next projects – "Construction of three PV stations with **250 MW** in Bukhara, **150 MW** in Namangan and **100 MW** in Khorazm regions.



Projects with the support of ADB



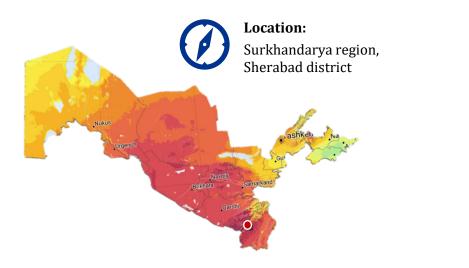
Memorandum on the provision of consulting services was signed with ADB

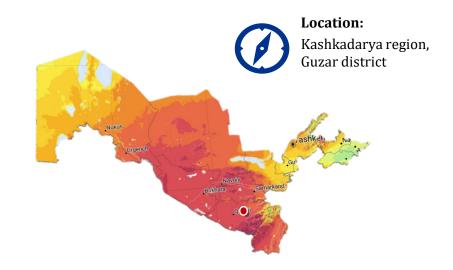


In February 2020, there was an announcement about the first project -"Construction of PV station with the capacity of **457 MW** in Surkhandarya region". At the end of the EoI process, **54 leading companies and/or consortiums** worldwide submitted applications for participation in competitive bidding. "**Masdar**" **(UAE)** company was recognized as the winner.

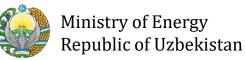


In December 31,2021, there was an announcement about the next – "Construction of PV station with the capacity of **300 MW** in Kashkadarya region.





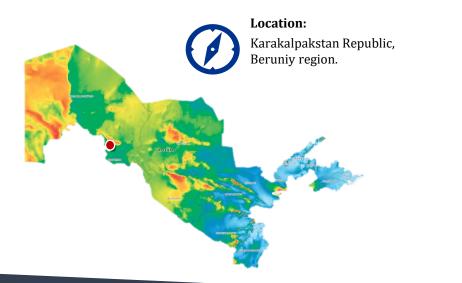
Projects with the support of EBRD



Memorandum of understanding on the provision of consulting services was signed with EBRD



In April 2020, there was an announcement about the first wind power project in Uzbekistan - "Construction of Wind power plant with the capacity of **100 MW** in Karakalpakstan Republic*, Beruniy region". At the end of the EoI process, **70 leading companies and/or consortiums** worldwide submitted applications for participation in competitive bidding. "ACWA Power" (Saudi Arabia) company was recognized as the winner.

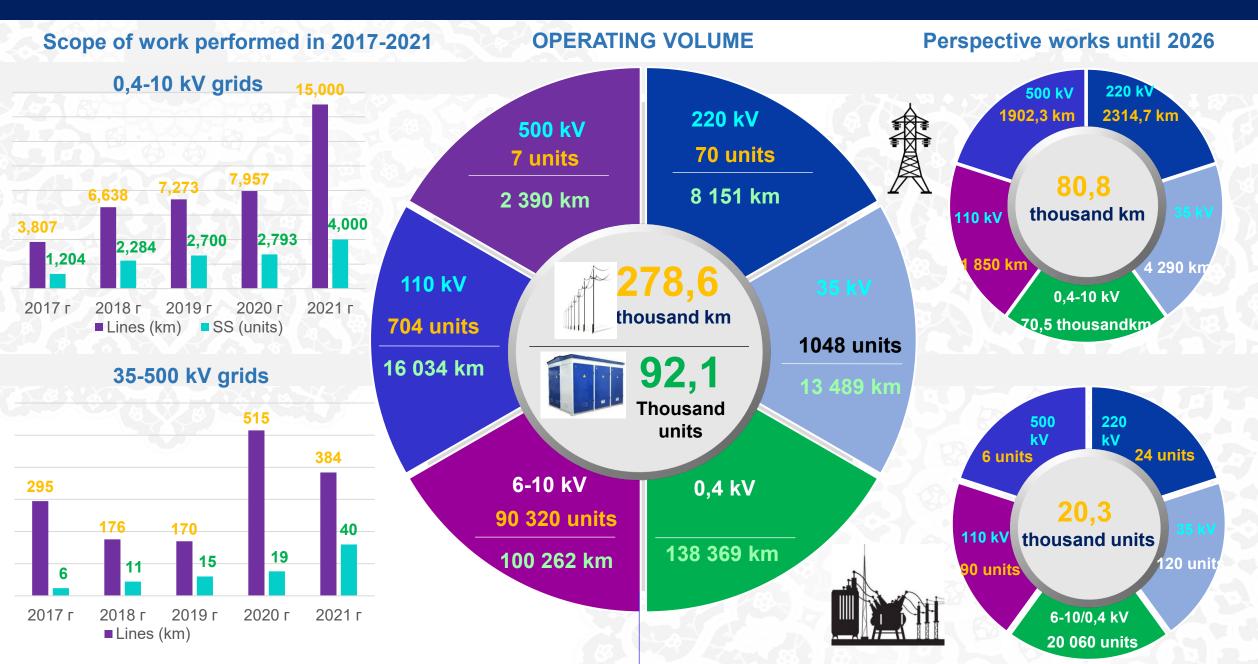




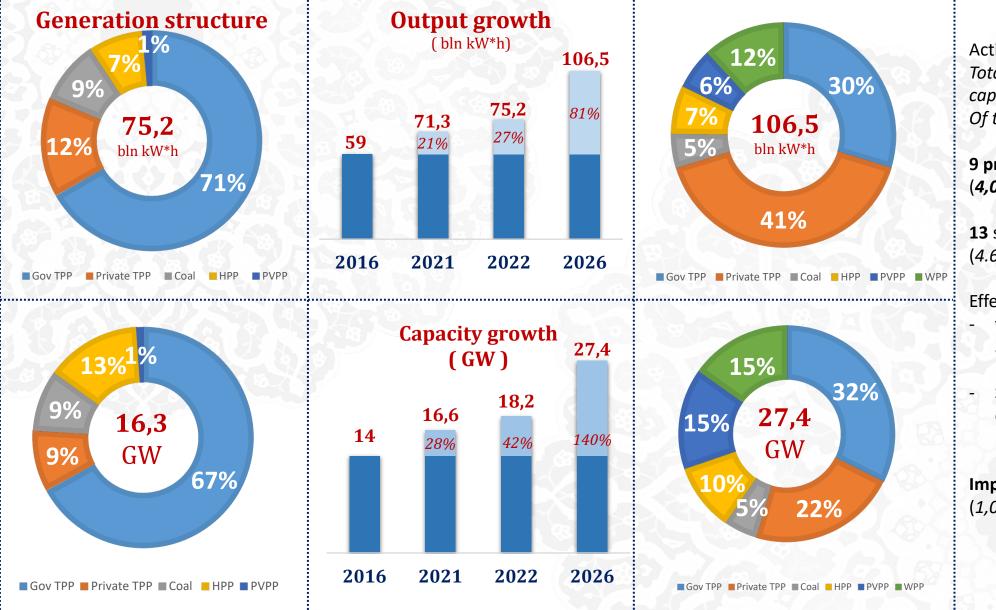
In April 2, 2022, there was an announcement about the next – "Construction of WPP with the capacity of **200 MW** in Karakalpakstan Republic.



POWER GRIDS



POWER GENERATION



Achievements

Active PPP projects - 22. Total amount 8,55 bln doll USA., capacity 10,4 GW. Of them;

9 projects for construction of TPPs (4,0 bln doll USA. 6,0 GW):

13 solar and wind projects (4.6 bln doll USA, 4.4 GW).

Effect:

- the possibility of generating 56.9 bln kWh of electricity..
- Saving 7.6 bln m3 of gas for electricity generation.

Implemented PPP projects-8; (1,055 bln doll USA. 1574 MW)

Thank you for your kind attention!



Ministry of Energy of the Republic of Uzbekistan