

Roundtable discussion: Renewable energy permitting process: from complexity to integrity

Mirmahammadali Aslanov

Head | Division of Energy efficiency and investments

mirmahammadali.aslanov@regulator.gov.az

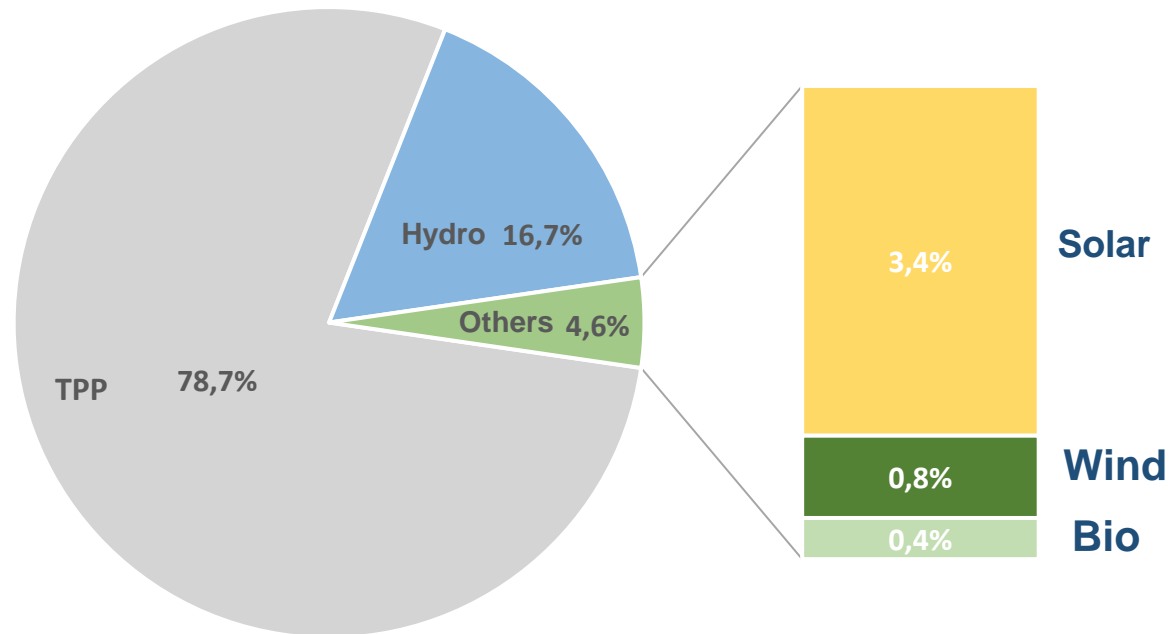
14.04.2025



General information about installed capacity and technical potential



Total installed capacity ~ 8,4 GW

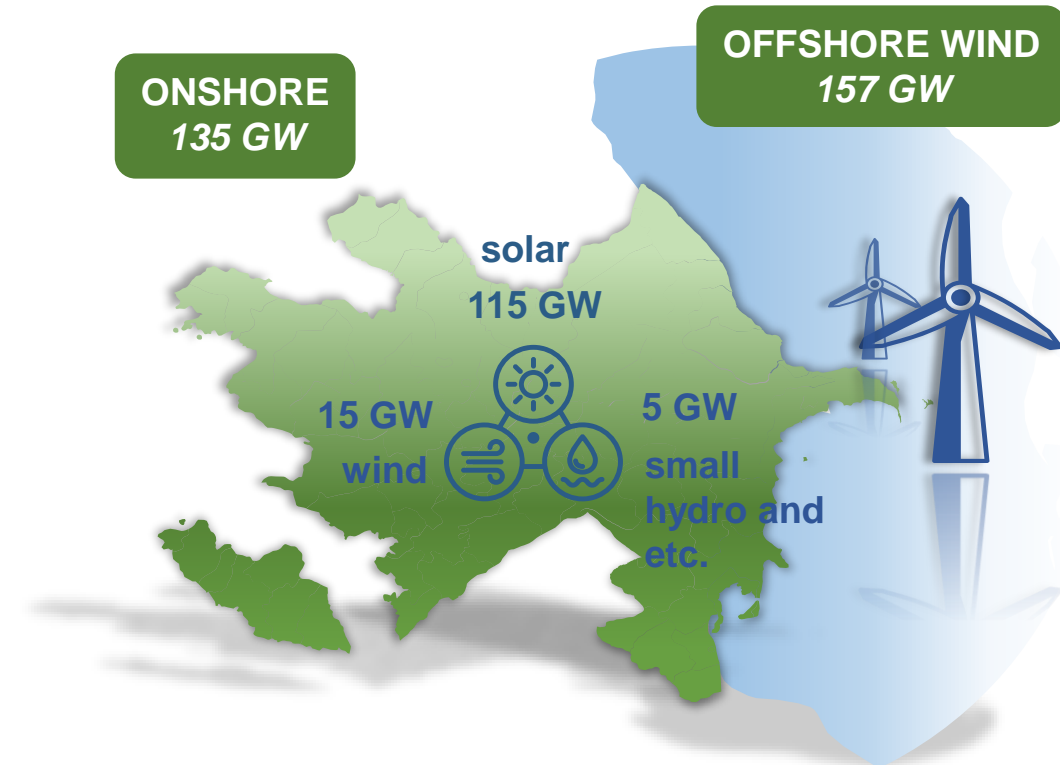


It is planned to integrate about 2 GW of renewables into the grid by 2027

Targets

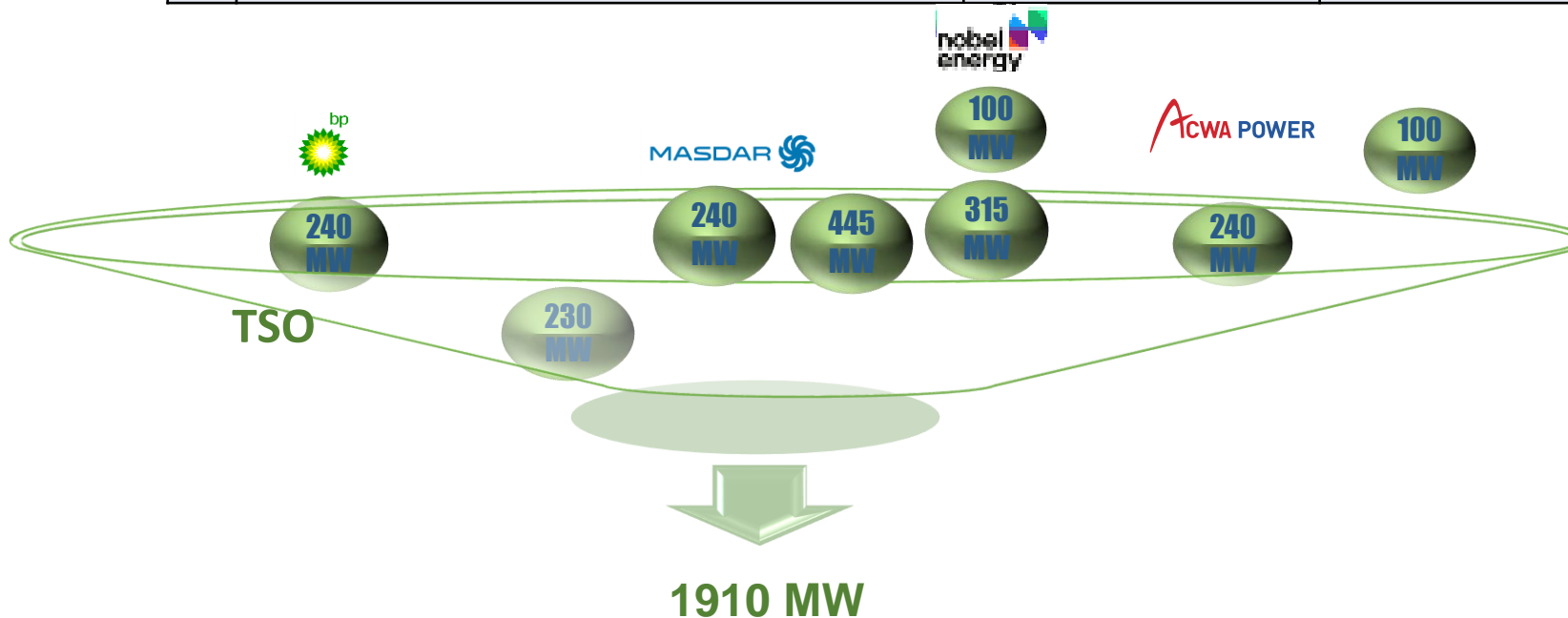
- to increase the share of renewable energy in the country's installed capacity to 30% by 2030
- to reduce greenhouse gas emissions by 40% until 2050

TECHNICAL POTENTIAL



Ongoing projects

No	Name of the project	The installed capacity of the project (MW)	The end date of the project
Solar Power Plants (SPP)			
1.	Construction of the «Garadagh» Solar Power Plant by Masdar	230	26.10.2023 Commissioned
2.	Construction of the «Bilasuvär» Solar Power Plant by Masdar	445	2026
3.	Construction of the «Banka» Solar Power Plant by Masdar	315	2026
4.	Construction of the «Shafagh» Solar Power Plant by BP	240	2026
5.	Construction of the Solar Power Plant by Nobel Energy Management	100	2027
6.	Construction of the Solar Power Plant «Gobustan» by Universal International	100	2026
Wind Power Plants			
1.	Construction of the «Xızı-Absheron» Wind Power Plant by Acwa Power	240	2025
2.	Construction of the «Gobustan» Wind Power Plant by Masdar	240	2027

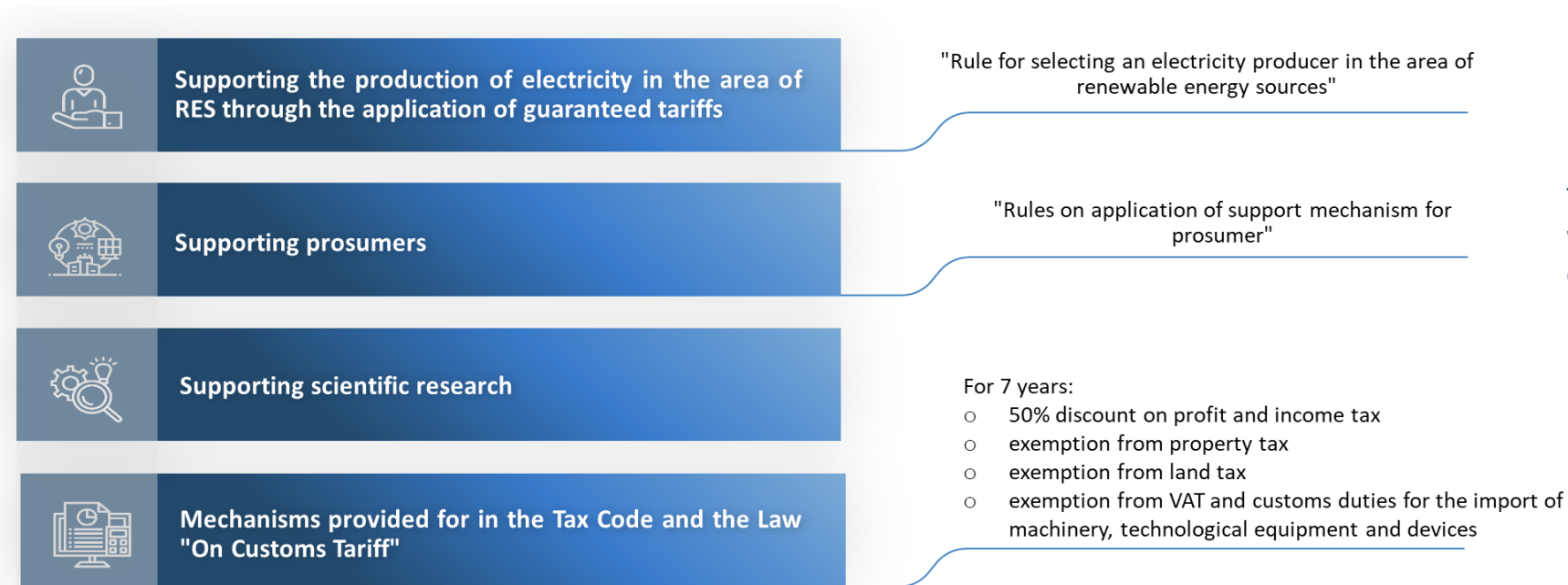


As a duty of the state: to implement support mechanisms in the field of using renewable energy sources in electricity generation



RES support mechanisms

- ❑ Support mechanisms provided by the Law “On the use of renewable energy sources in electricity production”

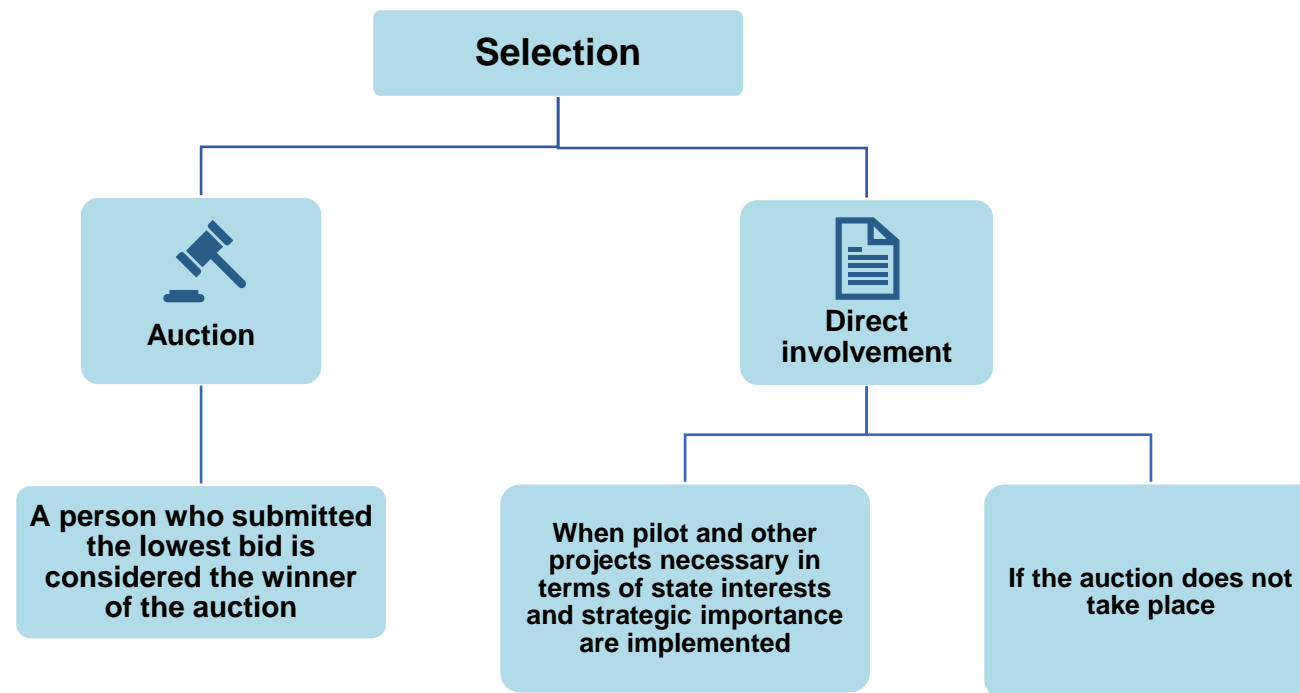


As a result

The installation of rooftop solar panels,, along with the anticipated widespread adoption of electric vehicles, will also necessitate taking measures on strengthening the distribution network

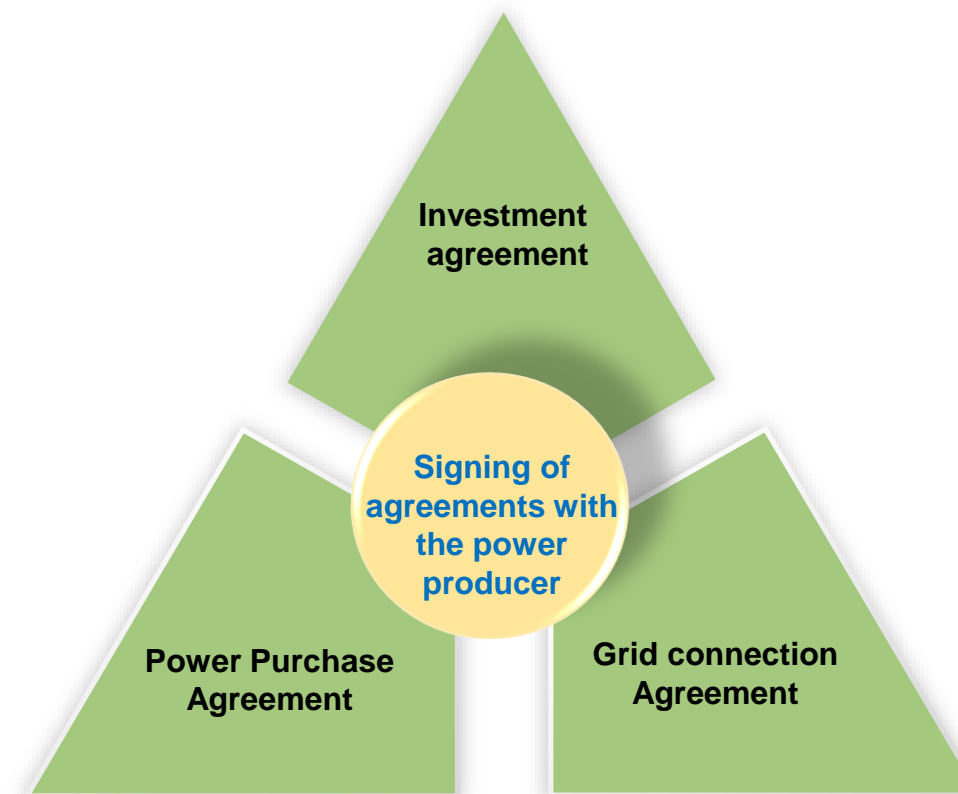
- ❑ In addition to an information system on renewable energy sources is being established for the purpose of efficient use of the potential of renewable energy sources, implementation of the action plan, and organization of information work

Selection of a producer for electricity generation in the area of renewable energy sources



PRIORITY

Electricity producers from renewable energy sources have priority for the transmission and distribution of electricity



No	Types of Permits	Apply to Who
1.	Land Use Permits	State Committee on Urban Planning and Architecture or the local executive authorities
2.	Environmental Permits	<p>Ministry of Ecology and Natural Resources</p> <p>Environmental Impact Assessment (EIA) carry out by the producer.</p> <p>The Ministry of Ecology and Natural Resources of the Republic of Azerbaijan is the key authority responsible for reviewing and granting consent for the Environmental Impact Assessment (EIA).</p>
3.	Expertise of project	Department of External State Expertise of the State Agency for Control over Safety in Construction
4.	Construction Permits	Obtaining permission for the construction of a power plant in accordance with the Urban Planning and Construction Code of the Republic of Azerbaijan
5.	Grid Connection	An grid connection agreement is signed between TSO or DSO and producer. Producers (except for hydroelectric power plants with a capacity of more than 10 MW) are exempt from responsibility areas.
6.	Permit for generation	Generation of electricity from RES with a capacity of over 150 kW is carried out in accordance with the requirements of the Law of the Republic of Azerbaijan "On Licenses and Permits"

Permission for the generation of electricity from renewable energy sources at a power exceeding the power limit as stipulated by the Law of the Republic of Azerbaijan "On Electricity" is obtained in accordance with the requirements of the Law of the Republic of Azerbaijan "On Licenses and Permits".

Thank you for your time and consideration!

Contact details

Address: U.Hajibeyov 84, Government House, entrance 5

Baku, Azerbaijan

Phone: (+994 12) 598-16-53/54/55

Fax: (+994 12) 566 09 40

E-mail: office@regulator.gov.az