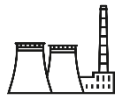


ON THE REFORMS UNDERWAY IN THE ENERGY SECTOR

PRESENTATION

FORCES ENGAGED IN 2020-2025 AND THEIR POSITIVE IMPACT ON THE SYSTEM

THERMAL POWER STATIONS (Energy-savings system)



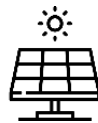
5 130 MW
18 and the project

HYDROELECTRICITY STATIONS (HEPP)



405 MW
39 and the project

SOLAR PHOTO ELECTRIC PLANTS (SPP)



3,030 MW
14 and the project

WIND ELECTRICITY STATIONS (WPP)



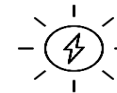
1,552 MW
4 and the project

ELECTRICAL ENERGY STORAGE SYSTEMS (BESS)



300 MW
2 and the project

ANNUAL PRODUCTION CAPACITY



54 billion kWh

ANNUAL NATURAL GAS ECONOMY



7.4 billion m3

CO2 GASES PREVIOUSLY



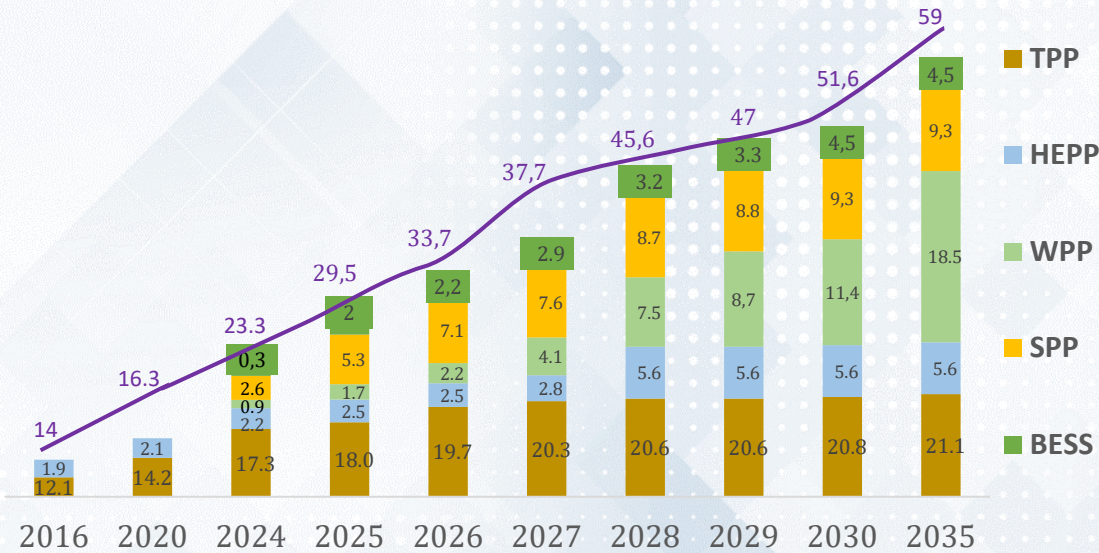
6 million tons

Development of production capacities in the republic

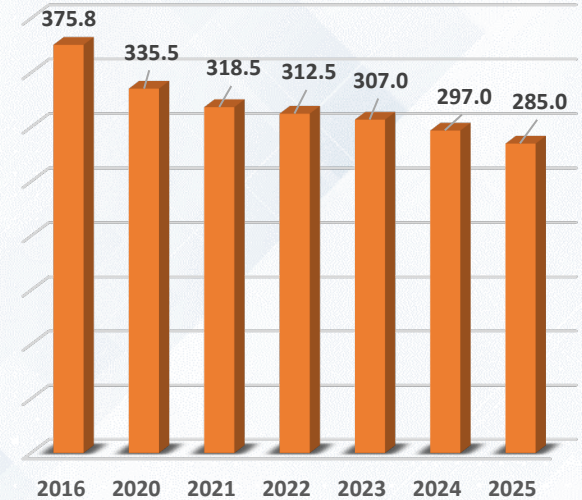
Existing production in the republic output power

Electric type of stations	numb	Installed power	Actual power
from this:	112	23,462 MW	22051 MW
Thermal power plants and thermal power plants	19	16384 MW	15004 MW
Hydroelectric stations	69	2 273 MW	2 242 MW
Solar power stations	12	3,030 MW	3,030 MW
Wind power stations	4	1552 MW	1552 MW
Block stations	3	223 MW	223 MW

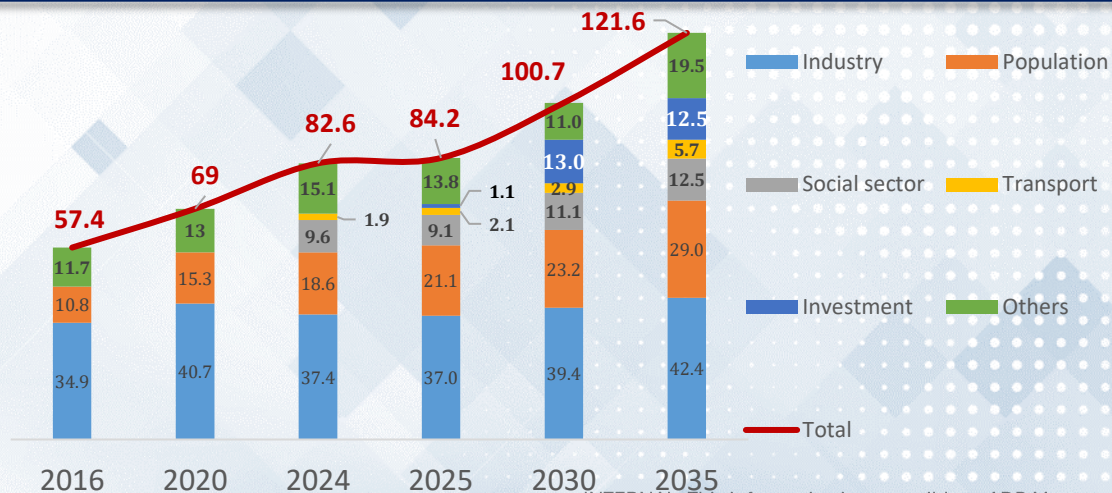
Development of production capacities(GW)



Conditional fuel consumption (gr/kWh)



Republic consumption networks in the section (billion kWh)

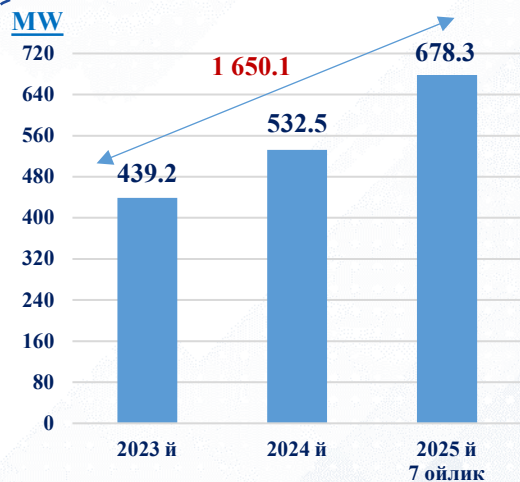


Working to release growth (billion kWh)



STATE OF INSTALLATION OF SOLAR PANELS AND COLLECTOR

RENEWABLE ENERGY SOURCES CURRENT STATUS



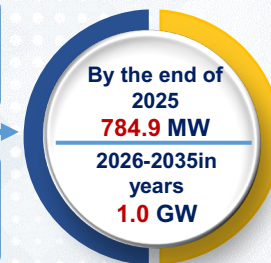
Solar panels

	Business entities		
	2023	2024	2025 7 months old
	167.1 MW	303.5 MW	414.1 MW
	Public sector objects		
	2023	2024	2025 7 months old
	189.0 MW	107.7 MW	80.8 MW
	Households		
	2023	2024	2025 7 months old
	75.9 MW	111.0 MW	174.3 MW
	Multi-storey buildings		
	2023	2024	2025 7 months old
	7.2 MW	10.3 MW	9.1 MW

PLAN FOR INSTALLATION OF NEW RENEWABLE ENERGY SOURCES

2025 year plan indicators

	Objects of the social sphere	Strength—311,7 MW
	Business entities	Strength—368,9 MW
	Population apartments	Strength—91,7 MW
	Multi-storey buildings	Strength—12,6 MW



2026-2035 annual plan indicators BCG

	Objects of the social sphere	Strength—280,0 MW
	Business entities	Strength—546,0 MW
	Population apartments	Strength—200,0 MW
	Multi-storey buildings	Strength—18,0 MW

RESULT TO BE ACHIEVED



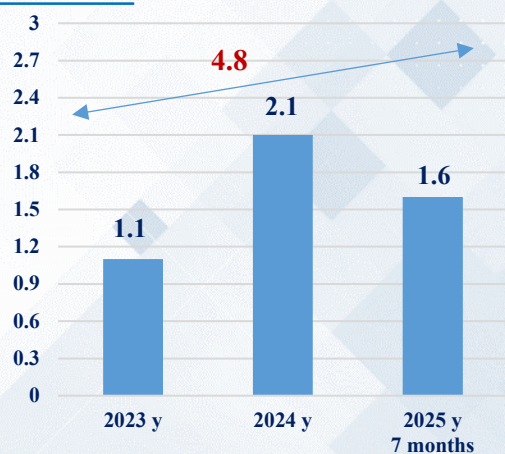
RESULT TO BE ACHIEVED



RESULTS ACHIEVED



million liters



Solar collector

	Public sector objects		
	2023	2024	2025 7 months old
	0.8 million liters	1.4 mln liters	0.6 million liters
	Households		
	2023	2024	2025 7 months old
	0.3 million liters	0.7 million liters	1.0 million liters

REPUBLIC HEAVY CATEGORY 300 INSTALLATION OF SOLAR POWER STATIONS IN THE NEIGHBORHOOD

Project indicators



Actions taken

- 16** Pilot the contracting organization for project development **determined**
- 15** development of project-estimate documents **was released**
- In Andijan region **220 kW SPP** construction works have started

Grant funds allocated to the project

	ACWA Power	\$11.95 million
	Masdar	9.0 million dollars
	iCRAF	950 thousand dollars
	The World Bank	2.0 million dollars

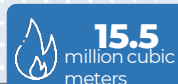
Things to do in 2025

- 38** in the neighborhood **grant fund** son account of **10 MW SPP** will be built

Achievable result



RESULTS ACHIEVED



SMALL AND MICRO GENERATORS PROGRAM

Target indicators for the network of small and micro hydropower plants, 2025-2026

2025			2026		
	Number of hydroelectric power plants	1 184	projects	Number of hydroelectric power plants	1 799
	Hydropower capacity	65.7	MW	Hydropower capacity	98.1
	Annual production	200	million kWh	Annual production	300
	Save natural gas	60	million m3	Save natural gas	91
	CO2 prevention	100	thousand tons	CO2 prevention	151
	Workplace	208	unit	Workplace	312

Implemented measures, 2025

To the auction removed	Auction winner detected	Design work started	Construction work completed	Electricity produced (monthly)
500	140	61	43 (19 MW)	4.8 million kWh (24 a thousand households)

Procedure for implementation of projects

Auction sale

Land areas will be allocated for the project
[Municipalities and the Ministry of Water Management]

The project will be auctioned
[Ministry of Energy and E-Auction]

It will be designed and built
[Auction winner]

Connects to the mains
[Regional Power Grids and Auction Winner]

Electricity a sales contract is signed
[Regional power networks and Auction Winner]

"Ready Business" project

Land areas are allocated for projects
[Municipalities and the Ministry of Water Management]

The project will be handed over to "Green Energy" LLC
[Ministry of Energy and Green Energy LLC]

It will be designed and built
["Green Energy" LLC]

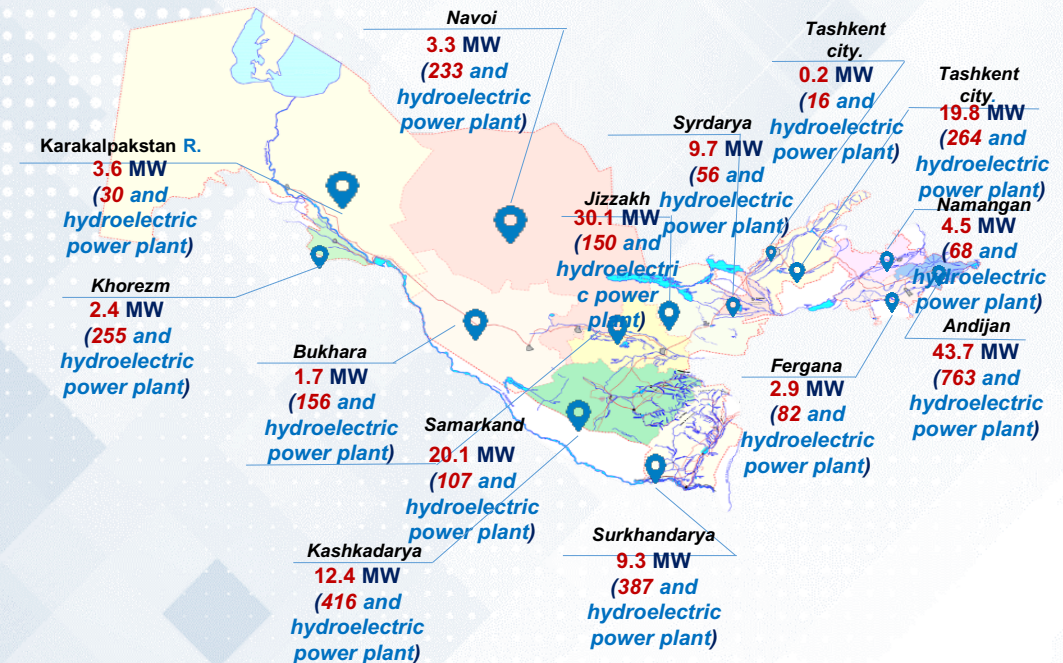
Connects to the mains
[Regional power grids and "Green Energy"]

An electricity purchase agreement will be signed
[Regional power grids and "Green Energy"]

"Ready business" project will be auctioned
[Ministry of Energy, "Green energy" and E-Auction]

Small and micro hydropower projects across regions, 2025-2026

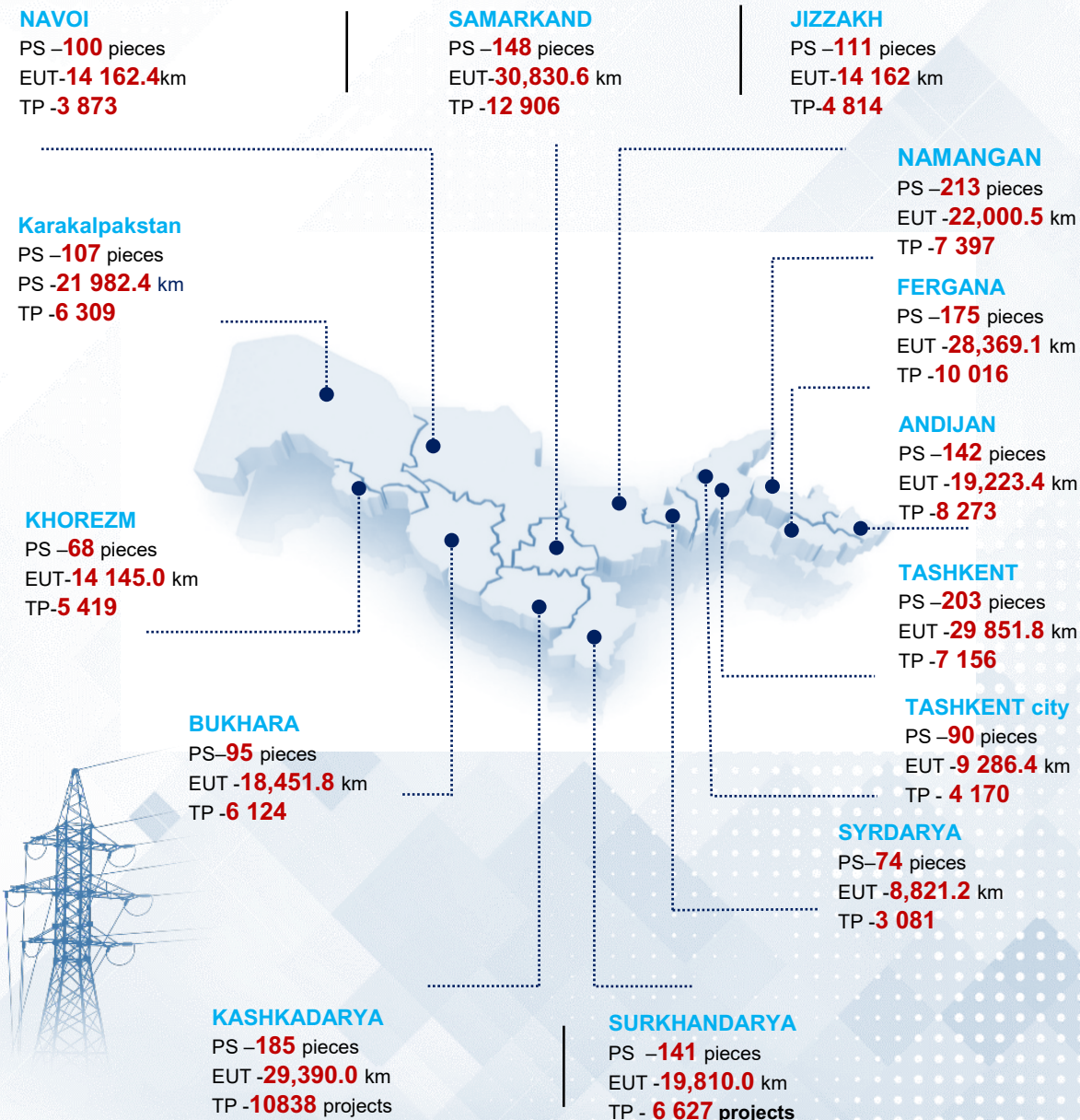
	Number of hydroelectric power plants	2 983		Total power	163,8 MW		Production	500 million kWh		Power supply	208 thousand household
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Projects Feasibility analysis

No.	Power (kW)	Construction cost (kW / dollar)	Electricity sales tariff (kWh / cent)	Payback period
1	0– 100	1 330	6.9	4 year 1 month
2	100 – 500	1630	6.9	4 year 7 month
3	500 – 1000	1,530	6.9	5 year 7 month
4	1000+	1000	6.9	3 year 8 month

Distribution networks



Current status of distribution networks

 **0.4 – 110 kV networks 278.3 thousand km**

 **35-110 kV whether Number of PS 1 851 yes**

 **10-6/0.4 kV Number of TP 97,9 thousand yes**

 **Consumers 8,4 million**

 **Special equipment 424 grain And 863 car**

 **Number of brigades – 218 yes and 6129 person employee**

Work carried out in 2021-2024

 **0.4-110 kV whether networks 38,051 km**

 **35-110 kV Is it PS -170 increased power 5013 MBA**

 **TP 11 914**

 **Total amount 5,067.3 billion soums**

Modernization works to be carried out in 2025

	Total	January-July	August-December	Total amount 916.5 billion soums
 Recon – Moderator				
 Weather net work	10 211 km	5,829 km	4 382 km	
Transformer	2,923	1,854	1,069	

2025/2026 preparation for the autumn-winter period

	Annual perfect maintenance plan	January-July	August-September	Total amount 223,5 billion soums
 Air network	30.2 thousand km	24,389.2 km	5 885.2 km	
 Transformer	10.2 thousand	8 422	1 855	

Emergency shutdowns (January-June)

	2023	2024	2025 year	Difference (as of 2023)
 6-10 kV	4 666	4 210	2,871	- 1 795
35-110 kV	623	581	665	+ 42

SAVING ENERGY RESOURCES AND INCREASING ENERGY EFFICIENCY

2025 in the year republic according to energy resources economy plan

Economy in the territories was achieved due to:

Natural gas

4.4
billion cubic meters

Electricity

6.0
billion kWh

2025 in the year 2024 compared to the year additional produced
"Green" on saving natural gas at the expense of energy

2025 in the year additional production
5,6 billion kWh

There will be an economy natural gas
1.7 billion cubic meters



2024 year
in practice

2025
plan

2025
in practice

Production

4.9
billion
kWh

10.5
billion
kWh

5.9
billion
kWh

Natural gas economy

1,5
billion
cubic meter

3.2
billion
cubic meter

1,8
billion
cubic meter

Republic of areas and economic sectors
saving energy resources

Natural gas

2,7
billion
cubic meter

Electricity

6
billion
kWh

Economy
networks
(PP-77)

1.6
billion
cubic meter

3.5
billion
kWh

Regions
(PK-133)

1,1
mlrd
cubic meter

2,5
billion
kWh

From this:
7 months old
in practice

1,2 (107%)
billion
cubic meter

1,4 (56%)
billion
kWh

Natural gas

Differential tariff and
weather effects

829.6 million cubic
meters

Energy efficient
equipment

94,8 million cubic
meters

Technician-
organizational events

261,4 million cubic
meters

Electricity

Differential tariff and
other technician-
organizational events

225.4 million kWh

Solar panels

875 million kWh

Technological losses
reduction

305 million kWh

2025 on the economy of energy resources actions taken

Enterprises included in the energy register in 2025 energy audit status

Natural gas

- ▶ Conversion to a two-tier system – **256,817** grain
- ▶ Economical equipment installation – **345,526** grain
- ▶ Repair of GTPs – **1,355** grain
- ▶ Repair of gas networks – **293.7** km
- ▶ Energy efficient devices – **13,995** grain
- ▶ Other organizational and technical activities – **123 383** grain

Electricity

- ▶ Installation of FES – **678** MW
- ▶ Installation of solar collectors – **1,550** thousand litres
- ▶ TP repair – **9 685** grain
- ▶ Repair of electrical networks – **23,874** km
- ▶ Installation of reactive compensators – **4,959** grain
- ▶ Other organizational and technical activities – **110 133** grain

- ▶ Energy audit plan in 2025 – **357** a company
- ▶ Those who completed the energy audit – **32** a company
- ▶ Signed an energy audit contract – **246** a company (164 program approved)
- ▶ Removed from the register (discontinued or reduced in use) – **22** a company
- ▶ Not done – **57** a company
- ▶ Energy resources expected to be saved:

Natural gas

5,7
million
cubic meter

Electricity

55,2
million
kWh

Oil products

38
tons

WORKS IN PROGRESS IN THE DIRECTION OF GREEN ECONOMY

Current status

Green space			Improvement of atmospheric air (in thermal power plants)			CO2 in the industry reduction (RES stations + Solar panels)			Green energy certificates			ESG Environmental, social and corporate governance ESG		
	Plan	514 a thousand seedlings		Plan	Filter in 2025-2026, implementation of the monitoring system		Forecast	6 million tons of CO2		Plan	400 thousand pieces		Plan	Tiwinterin organizations ESG principle Aryan to do
	In practice	1 275 a thousand seedlings (240% completed)		In practice	11 ecopost, 19 monitoring system		In practice	5.4 million tons of CO2		In practice	322 a thousand pieces Uzbekhydroenergo JSC		In practice	Analysis report 4
				Repair	11and filter									ESG report 4
														Get a final rating 1

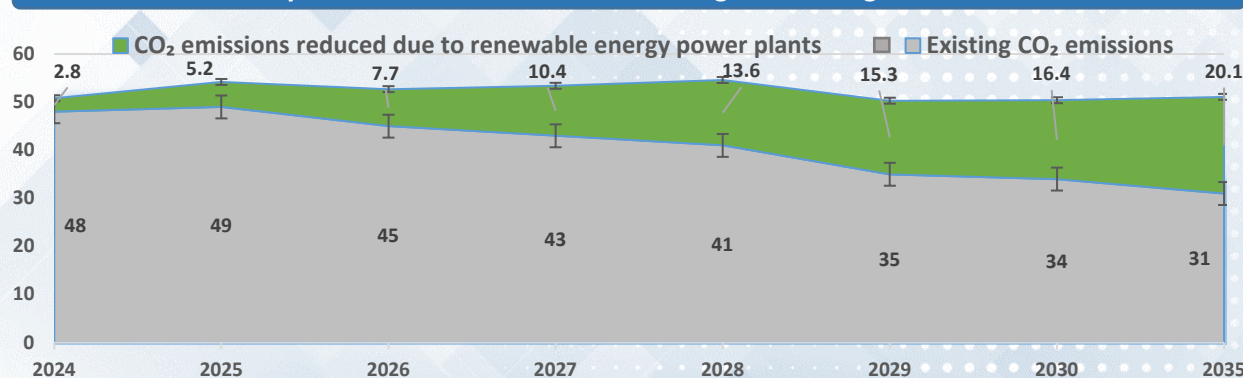
Work planned to be completed by the end of 2025

	60 A plot of land has been allocated and an almond orchard is being created	Filter	1	Large RES stations	0.550 million tons of CO₂		Currently 50.7 thousand certificates are being issued, and more by the end of the year		Analysis report	4
	Plant irrigation systems are being introduced	Monitoring system	7	Small RES stations	0.5 million tons of CO₂		30 thousand will be issued		ESG report	4
		Ecopost	11				From that, Uzbekhydroenergo JSC-30 thousand, by entrepreneurs - 20 a thousand pieces		Get a final rating	2

Expected results

	in Bostanliq district 60 Instead of dried seedlings, replacement seedlings are planted		Air emissions are reduced	Large RES stations	5.2 million tons of CO₂		To the market 400 thousand green energy certificates will be issued		The environmental and social impact of the enterprise is reduced	
	The number of seedlings planted 1.3 million		Analysis of atmospheric emissions, measurement and control accuracy increases	Small RES stations	0.8 thousand tons of CO₂		Sold certificates 800 allows you to earn a thousand dollars		The attractiveness for global investments will increase	
									The basis for sustainable economic growth will be created	

2025 until the year EE work to release in the field greenhouse gases contraction trend



In organizations of the Ministry of Energy ESG the state of implementation of the principle

Organizations within the system of the Ministry of Energy	ESG analysis	Target indicators	Climate strategy	Labor protection to do	ESG KPIs	ESG report	Verification	ESG rating to take
«Uzbekneftgaz JSC	✓	✓	⊗					
"Uztransgaz" AJ	⊗	⊗	⊗			✓	✓	
«Territory supply» JSC	✓	⊗				✓	✓	
«Heat electricity stations» AJ	⊗					✓		
JSC "Territory Electric Networks".	⊗					✓		⊗
«National Electric Grids of Uzbekistan JSC	⊗							
«Uzbekhydroenergo» JSC	✓	✓	⊗	✓		✓	✓	✓
«Uzkimyosanoat JSC	✓		✓		⊗			⊗
"Smart Integrity ME" JSC	⊗	✓		✓				