

Current situation of renewable energy development, renewable energy targets and support schemes in Azerbaijan



The State Agency on Alternative and Renewable Energy Sources of Azerbaijan Republic

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26-27 April 2017
Abu Dhabi

Current status of RE development: Existing legislation

Laws, decrees, regulations related to Power Plants and Renewable Energy

1. State Program "Usage of Renewable energy" decree of president #462 21.10.2004
2. State Program approved with decree of president #635 14.02.2005
3. Decision #187 and # 112 of Cabinet of Ministers "Free from Customs Duty"
4. Guidelines on Regulation of Mutual Relations Related to Dispatch Services of State Power Enterprise, Power Supply Enterprise and Independent Power Producing Enterprise (Grid Codes)
5. The Regulations on Use of Electricity (Approved with the Decision No.18 of the Cabinet of Ministers)
6. The law of the Azerbaijan Republic on power plants
7. Renewable energy tariff
8. Establishment of AREA
9. Strategic Road Map

Current status of RE development: Targets of Azerbaijan

06 December 2016, decree No 1138 "Strategic Road Map on National Economy of the Azerbaijan Republic.

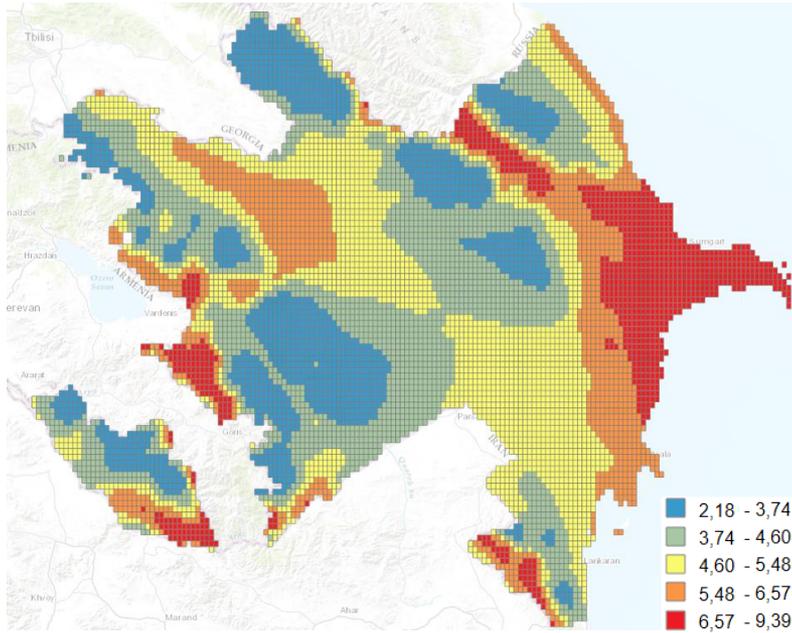
Periods : short term -2020, mid term -2025, long term after 2025

- Increase the generation capacity by 1000 MW
- Wind – new generation capacity 350 MW
- Solar – new generation capacity 50 MW
- Bio – generation capacity 20 MW
- Reduction of losses from 8,5% to 7% - Baku city
- Reduction of losses from 12% to 8% - other regions

Current status of RE development: Tariffs

No	Services	kopeck/KWh
I	II	III
1.	Purchase from the producers	
1.1.	Small private hydro	5,0
1.2.	Wind energy	5,5
1.3.	Other RE sources	5,7
2.	Wholesale price	5,7
2.1.	Energy supply realized directly from the 35KV and 110 KV lines, having stable load demand within a day, chemical and aluminum industries with average demand not less than 5 million KWh per month for production purposes, steel smelting production enterprises based on mining ore	
2.1.1.	Daytime (08.00- 22.00)	5,8
2.1.2.	Nighttime (22.00- 08.00)	2,8
3.	Tranzit price	0,2
4.	Retail prices	
4.1.	Residential	
4.1.1.	For the part of the monthly consumption volume below 300 KWh (300 KWh included)	7,0
4.1.2.	For the part of the monthly consumption volume more than 300 KWh	11,0
4.2.	Nonresidential	9,0

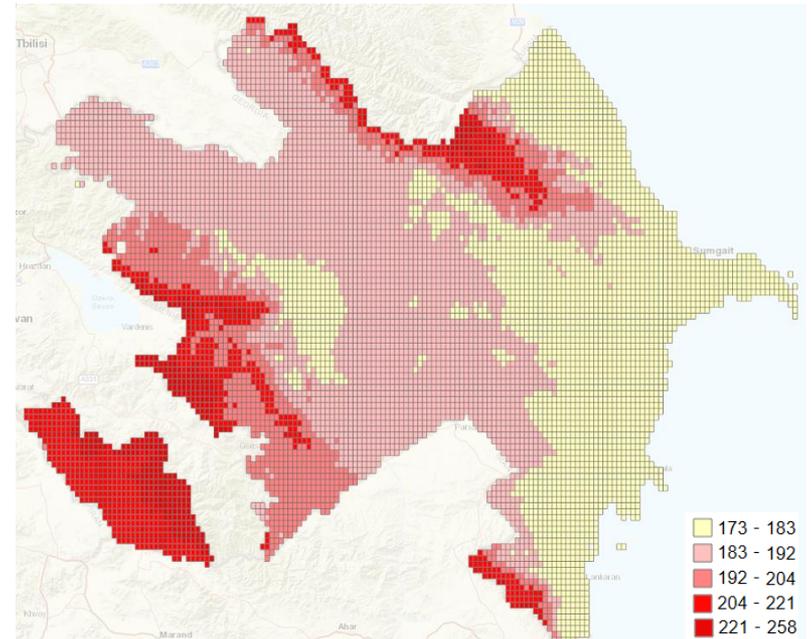
Current status of RE development: resource potential



Wind Energy

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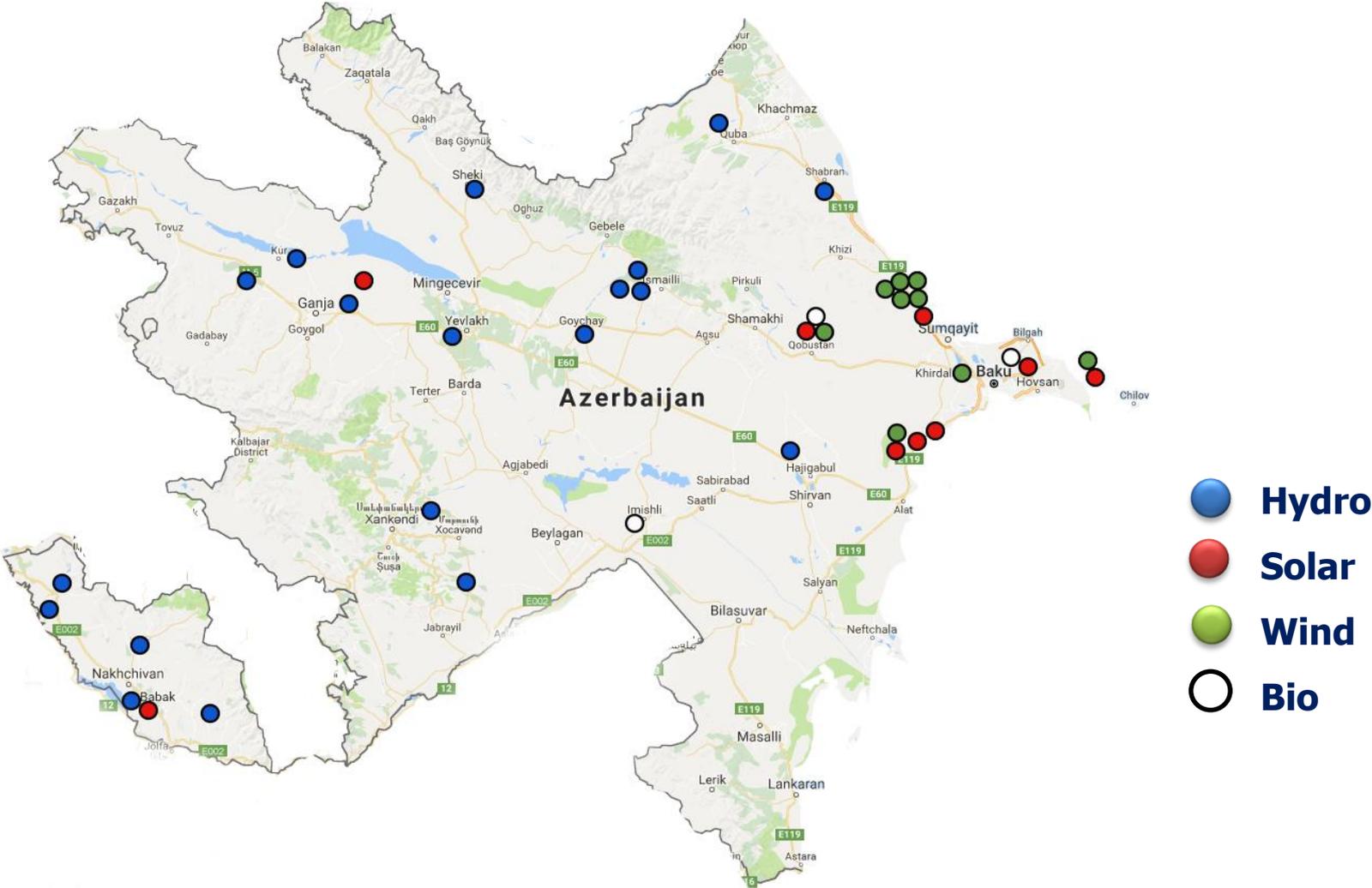


Solar Energy

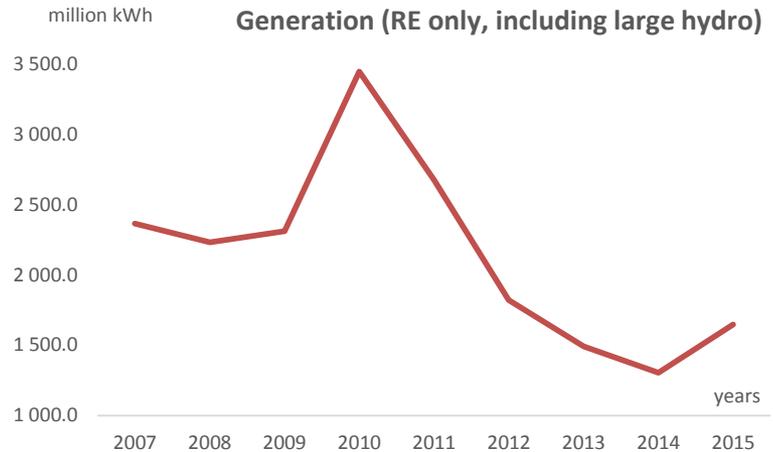
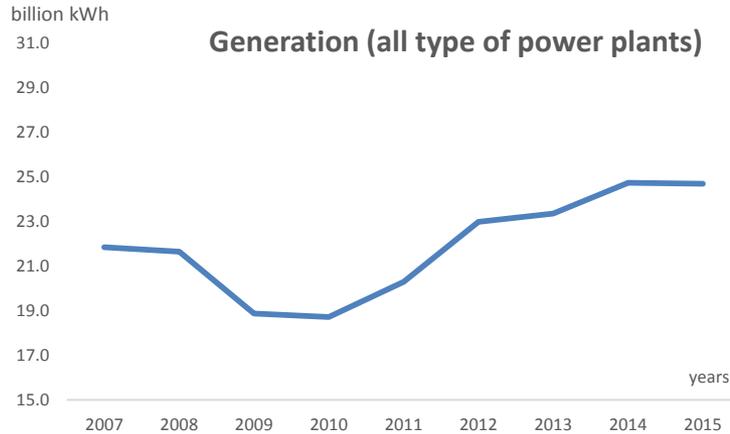
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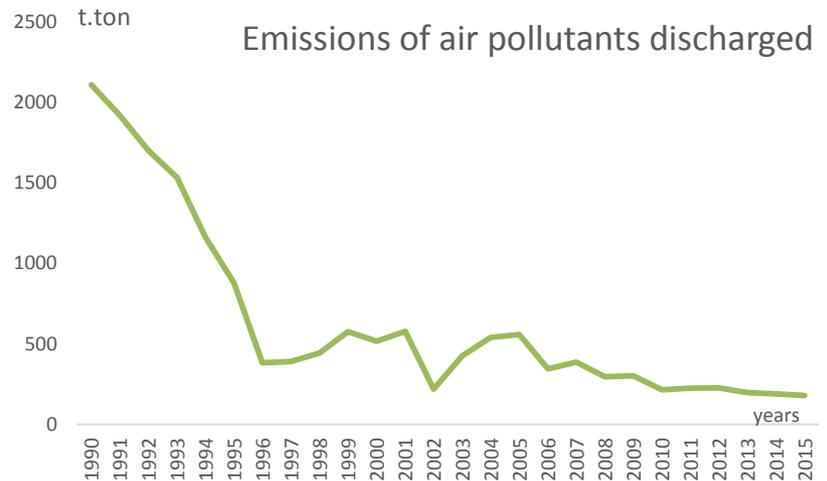
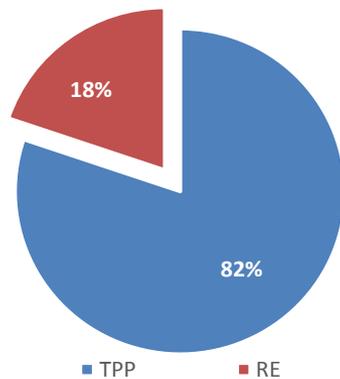
Current status of RE development: resource potential



RE related- statistics



Share of RE (installed capacity)



RE related- statistics

RE Sources	Capacity in MW
Wind	~ 67
Solar	~ 35
Hydro	~ 1125
Biomass	~ 2
Waste	~ 37

Challenges in RE development

- **Policy & Legal**
- **Financial**
- **Technical**
- **RE awareness**
- **Capacity building (H/L skilled)**

Opportunities for increasing the deployment of RE

Date 24.04.2012

Production I 30 MW/YR

Type- Polycrystalline

Capacity 250 W

