

Trends of Tajikistan coal sector

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References data

- Coal reserves in Tajikistan – 3,6 billion tones.
- Industry reserves of coal with high calorific of coal – 320 mln. tonnes
- Coal mining has started in Tajikistan (Shurab-1) in 1901
- From 1980 untill 2000 year, the amount of coal production decreased. In 1990 year the annual production of the coal was 500 thousand tones in 2000 year 20 thousand tones.
- In 2010 year – coal production around 200 thousand tones per year
- In 2020 – coal production was around 2 mln. tones or 100 times more then in compare with 2000 year.
- Planned production for 2030- 10,4 mln. tones in 2040 is 15 mln. tones.

Coal Production

- 21 Coal Deposits
- 18 local and International companies
- In last 10 years investment in coal sector of Tajikistan around USD 50 mln.
- Around 2000 people working in coal companies
- 425 – special mining machinery
- 55% produced by State Agencies, 45- produced by private companies

Coal Consumption in 2019

- Dushanbe TPP -60 %
- Industry companies – 32,1%
- Population – 6%
- Budget companies – 1 %
- Export – 0,9% (Pakistan, Uzbekistan)

Responsible State Agencies and Legislative base

- From 2013 the responsible Entity for policy in coal sector- Ministry of Industry and New Technologies
- SEA "Angishti Tojik" is responsible for operating of State companies in coal sector, condition of state mining deposits and etc.
- The Law of Tajikistan about coal
- National Development Strategy of Tajikistan 2015-2030
- Industry Development Strategy of the Republic of Tajikistan for 2018-2030
- Concept of development of the coal industry in the Republic of Tajikistan for the period up to 2040

Production Chain of Coal sector of Tajikistan

- Coal – electricity – construction materials
- Coke coal – production for chemistry industry
- Coal – Synthesis Gas – production of mineral extensions

Government Targets on coal Sector

- creating favorable conditions for increasing coal production and meeting needs solid fuel republics;
- modernization of the production and technical base, reconstruction, renovation and restoration of production potential, development of infrastructure, attraction contracting companies, construction of mines and planned open-pit coal mines enterprises on the basis of programs for the development of enterprises with state forms property;

Government Targets on coal Sector

- attraction of domestic and foreign investments, preferential long-term banking loans for the technical re-equipment of enterprises in the industry and increasing the economic interest of enterprises in increasing coal production, strengthening the resource base enterprises, the creation of testing laboratories and technical supervision, taking into account international quality standards;
- Implementation of personnel policy, which will create new jobs for local population and select highly qualified engineering and technical specialists for enterprises;
- introduction of modern technologies for coal mining and processing, production of qualitative and ecologically safe goods that meet international standards.

Main sources of air pollution in Tajikistan

- drilling and blasting
- loading and transportation of rock mass
- internal and external dumping
- open coal warehouses
- burning waste dumps
- Coal based TPP 2 in Dushanbe