

Measurement results for sites in Herzegovina in the period of 2004-2005 give wind speed in the range of 7 to 9 m/s. The application of extrapolation models and the use of long-term scaled data sets on these locations result in expected average annual wind speed in the range of 6 to 8 m/s 50m a.g.l.

Currently there are many macro and micro locations for wind power plant construction that are evaluated as advantageous for wind power plant construction.

Why invest in the BiH Energy Sector?

- Considerable reserves of brown coal and lignite of 10 billion tons
- Huge hydro potential of over 4000 MW
- Significant wind energy potentials estimated at 1500 MW
- Raw material resources for the bio-mass energy are extremely favourable, including approximately 1.5 million m³ of forest / wood industry residues (all wood waste, sawdust, chips, and chipped technical wood), etc
- Geo-thermal and solar, as well as bio-mass energy are only symbolically in use
- Preliminary research surveys of oil and gas, had indicated the presence of promising deposits on a number of sites in BiH (off-balance sheet reserves are estimated at about 50 million tons of oil)

Foreign companies, investors in this sector:

NefteGauinKor (Zarubežnjet) - Russia
Petrol Ljubljana - Slovenia
Consortium MOL/INA - Croatia&Hungary
EFT (Holdings) ApS Kopenhag - Denmark
Messer Gresheim H. - Germany



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ENERGY SECTOR



Invest in Energy Sector

Energy Sector in BiH

The energy sector is one of the most powerful in BiH, with huge potentials and opportunities for further development and investment. Significant investments in new power system facilities and expansion of power generation capacities are foreseen by adopted entities' development and investment programs for construction of new generation plants in order to meet growing electricity supply deficit within regional and larger European markets.

Investment programs encompass a large number of development projects, based on coal, hydro and renewable energy sources.

Electricity is predominantly produced in hydro and thermal power plants. Currently, the production facilities, with total installed capacities of 4000 MW, exceed the domestic demand, and the electricity is exported.

The BiH energy sector is presented by the Energy Sector Study in BiH, while the development plans and programs are defined by the entities' strategies which can be found at www.fmeri.gov.ba and www.vladars.net.

As a signatory of the Kyoto Protocol, BiH established a Designated National Authority responsible for implementation of activities which are integral part of obligations defined by Clean Development Mechanism of the Kyoto Protocol.

Bosnia and Herzegovina Key Facts

Land area: 51.209 km²
Population: 3.8 (estimation)
Capital: Sarajevo (cc. 500.000)
Time zone: Central European Time
Climate: Continental-Mountain and Mediterranean

Investment opportunities: Significant and diverse indigenous natural energy resources, considerable reserves of brown coal and lignite, huge hydro potential, raw material resources for the bio-mass energy, etc

Useful contacts:

Commission for Concessions of BiH

www.koncesijebih.ba

Regulatory Commission for Electricity of BiH

www.derk.ba

Ministry of Energy, Mining and Industry of FBiH

www.fmeri.gov.ba

Ministry of Industry, Energy and Mining of RS

www.vladars.net

Commission for Concessions of FBiH

konzakoncesijebih@bih.net.ba

Commission for Concessions of RS

www.koncesije-rs.org

Invest in Energy Sector

Investment opportunities in: LARGE THERMAL POWER GENERATION PROJECTS

There are a total of seven new coal-fired thermal power generation projects, with potential incremental electricity production capacity of approximately 3450 MW, including both, rehabilitation and expansion of the existing facilities and construction of entirely new coal mine / power generation plant complexes.

LARGE AND SMALL HYDROPOWER PROJECTS

Development programs identified fifteen potential large and small hydropower projects, and four rehabilitation and expansion projects, with potential incremental electricity production capacity of approximately over 2000 MW in total.

MINI HYDROPOWER PROJECTS (CAPACITY OF 5 MW OR LESS)

In the river basins of BiH, there were identified over 400 potential micro locations for construction of the mini hydro power plants, enabling cumulative increase of the electricity production capacity of approximately 1000 MW.

WIND ENERGY POTENTIALS

Systematic wind measurements on larger number of locations were initiated by the Power Company of EP HZHB. Since 2004, on the area of Herzegovina there have been wind potential measurements on more than ten potential locations.