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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 m<sup>3</sup> 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:

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

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FOREIGN INVESTMENT PROMOTION AGENCY  
OF BOSNIA AND HERZEGOVINA

Foreign Investment Promotion Agency of Bosnia and Herzegovina

Grbavička 4, 71000 Sarajevo  
Bosnia and Herzegovina

Phone: ++ 387 33 278 080; Fax: ++ 387 33 278 081  
E-mail: [fipa@fipa.gov.ba](mailto:fipa@fipa.gov.ba); Web: [www.fipa.gov.ba](http://www.fipa.gov.ba)

#### Mostar Office

Street RADE BITANGE 30  
88 000 Mostar  
Phone/Fax: ++ 387 36 558 815  
E-mail: [mostar@fipa.gov.ba](mailto:mostar@fipa.gov.ba)

#### Banja Luka Office

Street ĐURE DANIČIĆA 1/III  
78 000 Banja Luka  
Phone/Fax: ++ 387 51 226 180  
E-mail: [banjaluka@fipa.gov.ba](mailto:banjaluka@fipa.gov.ba)

# FIPA

FOREIGN INVESTMENT PROMOTION AGENCY  
OF BOSNIA AND HERZEGOVINA

## 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](http://www.fmeri.gov.ba) and [www.vladars.net](http://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 km<sup>2</sup>  
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](http://www.koncesijebih.ba)  
Regulatory Commission for Electricity of BiH  
[www.derk.ba](http://www.derk.ba)  
Ministry of Energy, Mining and Industry of FBiH  
[www.fmeri.gov.ba](http://www.fmeri.gov.ba)  
Ministry of Industry, Energy and Mining of RS  
[www.vladars.net](http://www.vladars.net)  
Commission for Concessions of FBiH  
[kom.zakoncesije@bih.net.ba](mailto:kom.zakoncesije@bih.net.ba)  
Commission for Concessions of RS  
[www.koncesije-rs.org](http://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.