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STATISTIKA ENERGIJE ENERGY STATISTICS

ELEKTRIČNA I TOPLOTNA ENERGIJA ELECTRICITY AND HEAT

Električna i toplotna energija, 2024.

Bruto proizvodnja električne energije u Bosni i Hercegovini u 2024. godini iznosi 15932 GWh, od čega je u hidroelektranama proizvedeno 5096 GWh ili 32%, u termoelektranama 9465 GWh ili 59,4%, a u industrijskim energanama i ostalim (vjetru i solarnim elektranama) je proizvedeno 1371 GWh tj. 8,6%.

Vlastita potrošnja u elektranama iznosi 1106 GWh, a u ostalom energetsom sektoru 247 GWh.

U finalnoj potrošnji električne energije u 2024. godini domaćinstva učestvuju sa 48,3%, industrija sa 23%, a ostali potrošači uključujući građevinarstvo, saobraćaj i poljoprivredu učestvuju sa 28,7%.

Najveće učešće u potrošnji električne energije u 2024. godini u industrijskom sektoru ima industrija željeza i čelika sa 18,8%.

Ukupna proizvodnja toplotne energije u Bosni i Hercegovini u 2024. godini je 5256 TJ, od čega je 3167 TJ ili 60,2% proizvedeno u toplanama, 1516 TJ ili 28,8% u termoelektranama, a 573 TJ ili 11% je proizvedeno u industrijskim energanama.

U finalnoj potrošnji toplotne energije u 2024. godini najveće učešće imaju domaćinstva sa 75,6%, a industrija i ostali potrošači sa 24,4%.

Electricity and Heat, 2024

Gross electricity production in Bosnia and Herzegovina in 2024 was 15932 GWh, out of which 5096 GWh or 32% was produced in hydro power plants and 9465 GWh or 59.4% in thermal power plants, and 1371 GWh (8.6%) was produced in autoproducers and others (wind and solar power plants).

Own consumption in power plants was 1106 GWh, and 247 GWh in other energy sector.

In final electricity consumption in 2024 households participated with share of 48.3%, industry with share of 23% and other consumers including construction, transport and agriculture with 28.7%.

The largest share in final electricity consumption in 2024 at industry sector had Iron and Steel Industry with 18.8%.

Total heat production in Bosnia and Herzegovina in 2024 was 5 256 TJ, out of which 3 167 TJ or 60.2% was produced in district heating plants, 1 516 TJ or 28.8% in thermal power plants and 573 TJ or 11% was produced by autoproducers.

In final heat energy consumption in 2024, households had the largest share of 75.6%, and industry and other consumers with share of 24.4%.

1. ELEKTRIČNA ENERGIJA
ELECTRICITY

Godišnji bilans električne energije, BiH, 2024.
Annual balance of electricity, BiH, 2024

GWh

	2024.	
Bruto proizvodnja	15 932	Gross production
Hidroelektrane	5 096	Hydro power plants
Termoelektrane, TE-TO	9 465	Thermal power plants, CHP
Industrijske energane i ostali	1 371	Autoproducers and others
Neto proizvodnja	14 826	Net production
Hidroelektrane	5 065	Hydro power plants
Termoelektrane, TE-TO	8 484	Thermal power plants, CHP
Industrijske energane i ostali	1 277	Autoproducers and others
Uvoz	4 719	Import
Izvoz	7 175	Export
Potrošnja u energetsom sektoru	247	Consumption in energy sector
Pumpni rad	14	Used for pumped storage
Ukupni gubici	1 263	Total losses
Finalna potrošnja	10 846	Final consumption
Industrija	2 488	Industry
Industrija željeza i čelika	468	Iron and Steel
Hemijska (uklj. i petrohemijsku)	154	Chemical (incl. Petrochemical)
Metali bez željeza	250	Non-Ferrous Metals
Nemetalni mineralni proizvodi	244	Non-Metallic Minerals
Transportna oprema	40	Transport Equipment
Mašine	249	Machinery
Rudarstvo i kamenolomi	88	Mining and Quarrying
Prerada hrane, pića i duhana	306	Food, Beverages and Tobacco
Celuloza, papir i štampanje	217	Paper, Pulp and Printing
Drvo i drveni proizvodi	208	Wood and Wood Products
Tekstil i koža	105	Textiles and Leather
Nespecifirano (industrija)	159	Non-specified (Industry)
Građevinarstvo	90	Construction
Saobraćaj	62	Transport
Poljoprivreda	63	Agriculture
Domaćinstva	5 242	Households
Ostali potrošači	2 901	Other

2. TOPLOTNA ENERGIJA

HEAT

Godišnji bilans snabdijevanja sa toplotom, BiH, 2024.

Annual balance of heat supply, BiH, 2024

	Jedinica mjere Unit	2024.	
Proizvodnja energije transformacijom	TJ	5 256	Transformation output
Toplane	TJ	3 167	District heating plants
Termoelektrane, TE-TO	TJ	1 516	Thermal power plants, CHP
Industrijske energane	TJ	573	Autoproducers
Potrošnja u energetsom sektoru	TJ	36	Consumption in energy sector
Ukupni gubici	TJ	501	Total losses
Finalna potrošnja	TJ	4 719	Final consumption
Industrija	TJ	29	Industry
Građevinarstvo	TJ	-	Construction
Saobraćaj	TJ	-	Transport
Poljoprivreda	TJ	-	Agriculture
Domaćinstva	TJ	3 565	Households
Ostali potrošači	TJ	1 125	Other
Utrošak goriva u toplanama			Fuel use in district heating plants
Mrki ugalj	t	32 424	Brown coal
Lignit	t	33 695	Lignite
Prirodni plin	000 Sm ³	49 734	Natural gas
Drvni i biljni otpad	t	30 011	Wood wastes
Ogrijevno drvo	t	101 344	Fuel wood
Loživo ulje, ekstra lako	t	-	Fuel oil, light
Loživo ulje, S < 1%	t	684	Fuel oil, S < 1%
Loživo ulje, S ≥ 1%	t	-	Fuel oil, S ≥ 1%
Utrošak goriva u termoelektranama, TE-TO			Fuel use in thermal power plants, CHP
Mrki ugalj	000 t	4 933	Brown coal
Lignit	000 t	5 578	Lignite
Loživo ulje, ekstra lako	t	2 086	Fuel oil, light
Loživo ulje, S < 1%	t	20 555	Fuel oil, S < 1%
Loživo ulje, S ≥ 1%	t	-	Fuel oil, S ≥ 1%
Ogrijevno drvo	t	32 620	Fuel wood
Utrošak goriva u energanama			Fuel use in autoproducers
Mrki ugalj	000 t	273	Brown coal
Lignit	000 t	509	Lignite
Prirodni plin	000 Sm ³	7 519	Natural gas
Drvni i biljni otpad	t	47 460	Wood wastes
Ogrijevno drvo	t	-	Fuel wood
Loživo ulje, ekstra lako	t	12	Fuel oil, light
Loživo ulje, S < 1%	t	1 190	Fuel oil, S < 1%
Loživo ulje, S ≥ 1%	t	-	Fuel oil, S ≥ 1%
Bioplin	000 m ³	1 343	Biogas

METODOLOŠKA OBJAŠNENJA

Metodologija za prikupljanje podataka i izradu energetske bilansa električne i toplotne energije usklađena je sa međunarodnim standardima IEA/OECD i Eurostat-a.

Bruto proizvodnja električne energije predstavlja ukupno proizvedenu električnu energiju na generatoru.

Neto proizvodnja električne energije jednaka je bruto proizvodnji umanjenoj za vlastitu potrošnju elektrana. Uobičajen naziv za neto proizvodnju električne energije je proizvodnja električne energije na pragu elektrane.

Uvoz/Izvoz električne energije su količine električne energije koje su prošle državnu granicu.

Gubici električne energije obuhvataju sve gubitke prijenosa i distribucije električne energije kao i ostale gubitke u mreži.

Finalna potrošnja električne i toplotne energije predstavlja finalnu potrošnju energije u industriji, građevinarstvu, saobraćaju, poljoprivredi, domaćinstvima i ostalim sektorima.

Industrijske energane (samoproizvođači) su preduzeća koja pored svoje osnovne djelatnosti proizvode električnu energiju i/ili toplotnu energiju za prodaju trećim stranama

Proizvodnja energije transformacijom predstavlja ukupnu toplotnu energiju proizvedenu transformacijom različitih vrsta energenata.

NOTES OF METHODOLOGY

Methodology for data collection and making of electricity and heat energy balances are harmonized with internationally established standards of IEA/OECD and Eurostat.

Gross electricity production is the sum of the electrical energy production by all the generating sets concerned measured at the output terminals of the main generators.

Net electricity production is equal to the gross electricity production less the electrical energy absorbed by the generating auxiliaries and the losses in the main generator transformers.

Import/Export of electricity include quantities that crossed the national border.

Losses of electricity include all transmission and distribution losses of electricity and other losses in the grid.

Final consumption of electricity and heat is final energy consumption in industry, construction, transport, agriculture, households and other sectors.

Autoproducer undertakings generate electricity and/or heat, wholly or partly for their own use as an activity which supports their primary activity.

Transformation output is total heat production from different kind of fuels.

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