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BILANS ELEKTRIČNE I TOPLOTNE ENERGIJE, 2025.

BALANCE OF ELECTRICITY AND HEAT, 2025

Bruto proizvodnja električne energije u FBiH u 2025. godini iznosila je 8.508 GWh, od čega je u termoelektranama proizvedeno 3.982 GWh ili 46,8%, u hidroelektranama 2.807 GWh ili 32,9%, u industrijskim energanama 354 GWh ili 4,2%, proizvodnja u vjetroelektranama iznosi 649 GWh ili 7,7%, dok proizvodnja solarne energije iznosi 716 GWh ili 8,4%.

Gross electricity production in the FBiH in 2025 amounted to 8.508 GWh, of which 3.982 GWh or 46,89% was produced in thermal power plants, 2.807 GWh in hydropower plants or 32,9%, in autoproducers 354 GWh or 4,2%, production wind power plants is 649 GWh or 7,7% while production of solar energy is 716 GWh or 8,4%.

Sopstvena potrošnja u elektranama iznosila je 604 GWh.

Own consumption in power plants was 604 GWh.

U finalnoj potrošnji električne energije u 2025. godini, domaćinstva učestvuju sa 50,0%, industrijski sektor učestvuje sa 21,3%, a ostali potrošači, uključujući gradjevinarstvo, prijevoz i poljoprivredu, učestvuju sa 28,4%.

In the final consumption of electricity in 2025, households participate with 50,08%, the industrial sector accounts for 21,3%, and other consumers, including construction, transport and agriculture, participate with 28,4%.

Najveće učešće u potrošnji električne energije u 2025. godini, u industrijskom sektoru, je u proizvodnji željeza i čelika 20,1%.

The largest share in electricity consumption in 2025, in the industrial sector, is in the production of iron and steel 20,1%.

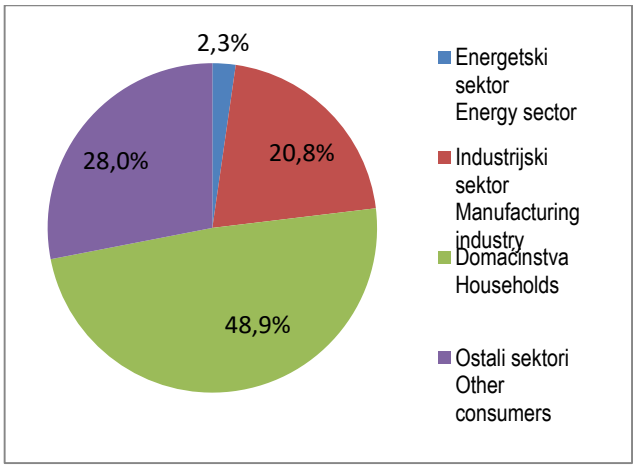
Ukupna proizvodnja toplotne energije u 2025. godini je 4.413 TJ, od čega je 2.250 TJ ili 51,0% proizvedeno u toplanama, 1.569 TJ ili 35,6% u termoelektranama, a 595 TJ ili 13,4% u industrijskim energanama.

Total thermal energy production in 2025 is 4.413 TJ, of which 2.250 TJ or 51,0% is produced in heating plants, 1.569 TJ or 35,6% in thermal power plants, and 595 TJ or 13,4% in autoproducers.

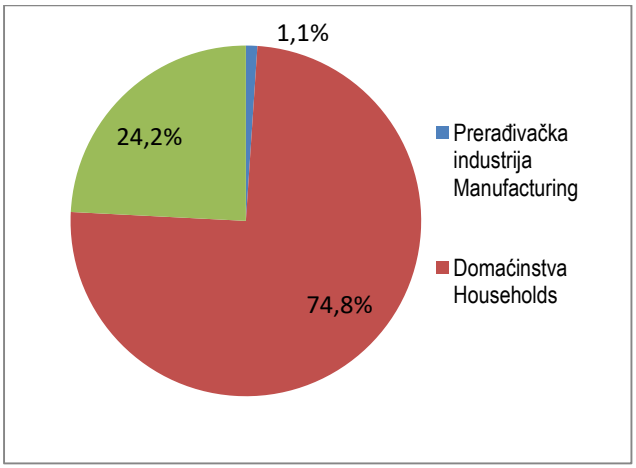
U finalnoj potrošnji toplotne energije u 2025. godini najveće učešće imaju domaćinstva 74,8%, a prerađivačka industrija i ostali potrošači 25,2%.

Households account for the largest share of final heat consumption in 2025 with 74,8% and manufacturing industry and other consumers with 25,2%.

Potrošnja električne energije po sektorima, FBIH, 2025
Electricity consumption by sectors, FBIH, 2025



Potrošnja toplotne energije po sektorima, FBiH, 2025
Thermal energy consumption by sectors, FBiH, 2025



1. Bilans električne energije

Balance of electricity

GWh

	2024	2025	
Bruto proizvodnja	**8.268**	**8.508**	***Gross production***
Hidroelektrane	2.728	2.807	*Hydroelectric power plants*
Termoelektrane	4.455	3.982	*Thermal power plants*
Industrijske energane	300	354	*Autoproducers*
Solarna energija	392	716	*Solar energy*
Vjetroenergija	393	649	*Wind power energy*
Sopstvena potrošnja	**616**	**604**	***Own consumption***
Neto proizvodnja	**7.652**	**7.904**	***Net production***
Hidroelektrane	2.706	2.785	*Hydroelectric power plants*
Termoelektrane	3.954	3.511	*Thermal power plants*
Industrijske energane	208	244	*Autoproducers*
Solarna energija	392	716	*Solar energy*
Vjetroenergija	392	648	*Wind power energy*
Gubici pri distribuciji	**526**	**520**	***Losses in the distribution***
Pumpni rad	**14**	**14**	***Used for pumped storage***
Energetski sektor	**166**	**163**	***Energy sector***
Finalna potrošnja	**6.803**	**7.011**	***Final consumption***
Industrijski sektor	**1.464**	**1.494**	***Manufacturing industry***
Industrija željeza i čelika	273	300	*Iron and Steel*
Hemijska (uklj. i petrohemijsku)	123	116	*Chemical (including Petrochemical)*
Metali bez sadržaja željeza	62	66	*Non-Ferrous Metals*
Nemetalni mineralni proizvodi	214	222	*Non-Metallic Minerals*
Transportna oprema	33	31	*Transport Equipment*
Mašine, uređaji i metalni proizvodi	185	184	*Machinery, equip. and metal prod.*
Rudarstvo i kamenolomi	31	26	*Mining and Quarring*
Prerada hrane, pića i duhana	155	160	*Food, Beverages and Tobacco*
Celuloza, papir i štampanje	174	179	*Paper, Pulp and Printing*
Drvo i drveni proizvodi	75	76	*Wood and Wood Products*
Tekstil i koža	38	33	*Textiles and Leather*
Nespecificirano (industrija)	101	101	*Non-specified (industry)*
Građevinarstvo	**54**	**55**	***Construction***
Prijevoz	**40**	**41**	***Transport***
Poljoprivreda	**24**	**25**	***Agriculture***
Domaćinstva	**3.390**	**3.505**	***Households***
Ostali potrošači	**1.831**	**1.891**	***Other consumers***

Bilans toplotne energije

Balance of heat

	Jed. mjere *Unit*	2024	2025	
Proizvodnja energije transformacijom	TJ	**3.887**	**4.413**	***Trasformation output***
Toplane	TJ	1.869	2.250	*District heating plants*
Termoelektrane	TJ	1.445	1.569	*Thermal power plants*
Industrijske energane	TJ	573	595	*Autoproducers*
Potrošnja u energetskom sektoru	TJ	**33**	**46**	***Consumption in the energy sector***
Gubici pri distribuciji	TJ	**391**	**473**	***Losses in the distribution***
Finalna potrošnja	TJ	**3.463**	**3.894**	***Final consumption***
Prerađivačka industrija	TJ	26	41	*Manufacturing*
Domaćinstva/Kućanstva	TJ	2.565	2.911	*Households*
Ostali potrošači	TJ	872	942	*Other consumers*
Utrošak goriva u toplanama				***Fuel use in district heating plans***
Mrki ugalj/ugljen	t	28.747	31.430	*Brown coal*
Lignit	t	-		*Lignite*
Drvni i biljni otpad	t	12.007	12.214	*Wood and wood wastes*
Loživo ulje, sumpor <1%	t	-	-	*Fuel oil, sulphur below ≥ 1%*
Loživo ulje, ekstra lako	t	-	-	*Fuel oil, extra light*
Prirodni plin /gas	000Sm³	48.225	48.053	*Natural gas*
Ogrevno drvo i drvni otpad	t	5.682	6.195	*Fire wood and wood wastes*
Pelet	t	-	-	*Pellet*
Utrošak goriva u termoelektranama				***Fuel use in district power plans***
Mrki ugalj/ugljen	000 t	3.052	2.680	*Brown coal*
Lignit	000 t	1.287	1.351	*Lignite*
Loživo ulje, ekstra lako	t	2.086	2.447	*Fuel oil, extra light*
Loživo ulje, sumpor <1%	t	-	3.061	*Fuel oil, sulphur below < 1%*
Dizelska goriva, nafta D2	t	443	66	
Ogrevno drvo i drvni otpad	t	32.620	-	*Fire wood and wood wastes*
Utrošak goriva u energanama				***Fuel use in autoproducer***
Prirodni plin /gas	000Sm³	7.519	4.732	*Natural gas*
Mrki ugalj/ugljen	000 t	254	354	*Brown coal*
Lignit	000 t	509	328	*Lignite*
Loživo ulje, sumpor <1%	t		1.511	*Fuel oil, sulphur below < 1%*
Loživo ulje extra lako	t	12	12	*Fuel oil, extra light*
Drvni otpad	t	45.542	70.344	*Wood wastes*
Koksni i VP plin	000Sm³	465.910	635.009	*Coke Gas/ Blast Furnace Gas*
Utrošak goriva u koksarama				***Fuel use in coke plants***
Koksni ugalj	000 t	721	392	*Coking Coal*
Koksni plin	000 t	108.301	56.375	*Coking Coal*

METODOLOŠKA OBJAŠNJENJA

Podaci o Bilansu električne energije dobijaju se na osnovu rezultata godišnjih statističkih istraživanja iz oblasti energetike i to: Godišnji izvještaj o proizvodnji, potrošnji i distribuciji električne energije (EN-E1-G, EN-E2-G, EN-E4-G), i Godišnjeg istraživanja o utrošku energeneta u industriji (EN-IND-G).

Izvještajne jedinice o proizvodnji i potrošnji električne energije su preduzeća/poduzeća, koja su po Klasifikaciji djelatnosti razvrstana u Registru poslovnih subjekata u području B - Vađenje ruda i kamena, C - Prerađivačka industrija i D - Proizvodnja i snabdijevanje/opskrba električnom energijom i gasom .

Metodologija za izradu bilansa električne energije usklađena je sa standardima IEA/OECD i Eurostat-a.

Godišnjim izvještajem o električnoj energiji prikupljaju se podaci o proizvodnji (bruto i neto), distribuciji i potrošnji električne energije u različitim oblastima.

Bruto proizvodnja predstavlja električnu energiju proizvedenu na generatoru.

Neto proizvodnja predstavlja električnu energiju isporučenu elektromreži iz elektrana, a predstavlja razliku između bruto proizvodnje i sopstvene potrošnje.

Raspoloživa električna energija za finalnu potrošnju je električna energija koja je na raspolaganju krajnjim potrošačima.

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

NOTES OF METHODOLOGY

Data on the Balance of electricity is based on the results of the field of energy as follows: Annual survey about production, consumption, and distribution of electricity (EN-E1-G, EN-E2-G, EN-E4-G) and Annual survey on energy consumption in the industry (EN-IND-G).

Reporting units on production and consumption of electricity are enterprises classified according to the Classification of Activities in the Register of Business Entities in section B - Mining and quarrying, C - Manufacturing industry D - Production and supply of electricity and gas.

The methodology for making the balance of electricity is harmonized with IEA/OECD standards and Eurostat.

The annual survey on electricity collects data about the production (gross, net), distribution and consumption of electricity in different sections.

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

***Nett electricity production** is electrical energy supplied from a power station to a power-supply grid and it represents the difference between gross electricity production and own supply.*

***Electricity available for final consumption** is electrical energy available to final consumers.*

***Transformation energy production** represents the total thermal energy produced by the transformation of different types of energy*

Izdaje Federalni zavod za statistiku FBiH, 71000 Sarajevo, Zelenih beretki 26

Published by the Institute for Statistics of FBiH, 71000 Sarajevo, Zelenih beretki 26

Telefon/Phone: +387 (33) 20 64 52, Fax: +387 (33) 22 61 51
Elektronska pošta/E-mail: fedstat@fzs.ba, Internetska stranica/Web site: http://www.fzs.ba

Odgovorne osobe:
Muhidin Hadžiahmetović, pomoćnik direktora za Sektor poslovnih statistika

Po ovlaštenju Vlade Federacije Bosne i Hercegovine, Šemso Šurković, dipl. ing. Elektrotehnike

Persons responsible:
Muhidin Hadžiahmetović, Assistant Director for Sector of business statistics
By the authorization of the Government of the Federation of Bosnia and Herzegovina, Šemso Šurković, B.Sc. in El.engineering

Saopćenje pripremila: Nasiha Jahić

Prepared by: Nasiha Jahić

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