

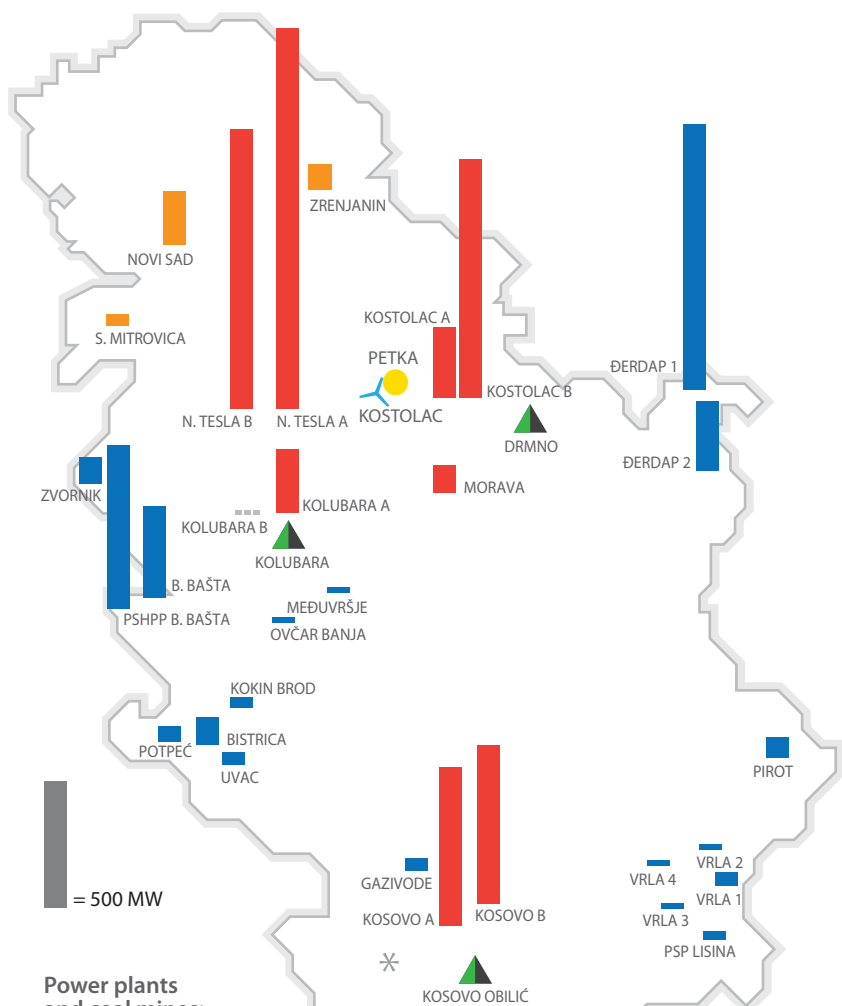
ELECTRIC POWER INDUSTRY OF SERBIA



TECHNICAL REPORT

2025

EPS INSTALLED CAPACITIES



Power plants and coal mines:

- Red bar: TPP
- Grey dashed bar: TPP potentially place
- Orange square: CHP
- Blue bar: HPP
- Green triangle: COAL MINE
- Blue wind turbine: Wind farm **
- Yellow circle: Solar plant **

* As of June 1999, EPS does not operate its facilities on the territory of Kosovo and Metohija

** Started operation in 2025.

EPS 2025

Data related to capacities managed by
Electric Power Industry of Serbia

GENERATION CAPACITIES

Net output capacity

7,759 MW

ELECTRICITY GENERATION

30,556 GWh

COAL PRODUCTION

32,792,156 t

OVERBURDEN REMOVAL

103,171,039 bcm

ELECTRICITY SALE

Consumption in the Republic of Serbia
supplied by EPS

36,201 GWh

Power Exchange/other suppliers/contracts
on business & technical cooperation

294 GWh

ELECTRICITY PURCHASE

Power Exchange/other suppliers/ contracts
on business & technical cooperation

3,722 GWh

NUMBER OF CUSTOMERS

Total

3,543,286

Guaranteed supply

3,504,213

Commercial supply

39,073

GENERATION CAPACITIES

POWER PLANT	Net output capacity MW
TPP Nikola Tesla A	1,594
TPP Nikola Tesla B	1,220
TPP Kolubara	216
TPP Morava	108
TPP Kostolac A	281
TPP Kostolac B	941
THERMAL Power Plants	4,360
CHP Novi Sad	208
CHP Zrenjanin	75
CHP Sremska Mitrovica	14
COMBINED Heat and Power Plants	297
HPP Đerdap 1	1,140
HPP Đerdap 2	270
Vlasina HPPs	129
HPP Pirot	80
HPP Bajina Bašta	420
PSHPP Bajina Bašta	614
HPP Zvornik	122
HPP Elektromorava	18
HPP Potpeć	54
HPP Bistrica and HPP Kokin Brod	125
HPP Uvac	36
Mini HPPs	18
HYDRO Power Plants	3,026
Solar plants	10
Wind farm „Kostolac“	66
RENEWABLE SOURCES	76
EPS POWER PLANTS	7,759

ELECTRICITY GENERATION

POWER PLANT	GWh
TPP Nikola Tesla A	6,809
TPP Nikola Tesla B	7,179
TPP Kolubara	382
TPP Morava	260
TPP Kostolac A	1,164
TPP Kostolac B	6,024
THERMAL Power Plants	21,818
CHP Novi Sad	382
CHP Zrenjanin	0
CHP Sremska Mitrovica	0
COMBINED Heat and Power Plants	382
HPP Đerdap 1	4,054
HPP Đerdap 2	1,377
Vlasina HPPs	188
HPP Pirot	52
HPP Bajina Bašta	1,249
PSHPP Bajina Bašta	460
HPP Zvornik	412
HPP Elektromorava	50
HPP Potpeć	162
HPP Bistrica and HPP Kokin Brod	278
HPP Uvac	38
Mini HPPs	25
HYDRO Power Plants	8,345
Solar plants	4
Wind farm „Kostolac“	7
RENEWABLE SOURCES	11
TOTAL	30,556

ELECTRICITY SUPPLY

SALES CHARACTERISTICS

Supply type	Number of metering points	Number of customers	Electricity (GWh)
GUARANTEED	3,706,854	3,504,213	14,332.49
LV	10,923		180.77
MV	40		1.63
CS	3,695,737		14,149.21
OCC	261,831		971.05
Households	3,433,906		13,178.16
PL	154		0.88
LAST RESORT			43.89
HV			
MV and LV			43.89
COMMERCIAL	189,064	39,073	15,446.22
HV	47		3,055.80
MV and LV	165,527		12,045.84
PL	23,490		344.58
TOTAL	3,895,918	3,543,286	29,822.60

LV - Low Voltage
MV - Middle Voltage
OCC - Other Commercial Consumption

HV - High Voltage
CS - Consumer Spending
PL - Public Lighting

Power delivered to customers through the GreenEPS Contracts (100% from renewable sources)

2,442.34 GWh

PROSUMERS	Number of metering points	Number of customers	Electricity(GWh)
	6,187	1,432	
	Power taken over from prosumers		316.64
	Power delivered by prosumers		53.53
	DIFFERENCE		263.11

HOUSEHOLD CATEGORY

AVERAGE CONSUMPTION

per month

320 kWh

NUMBER OF METERING POINTS

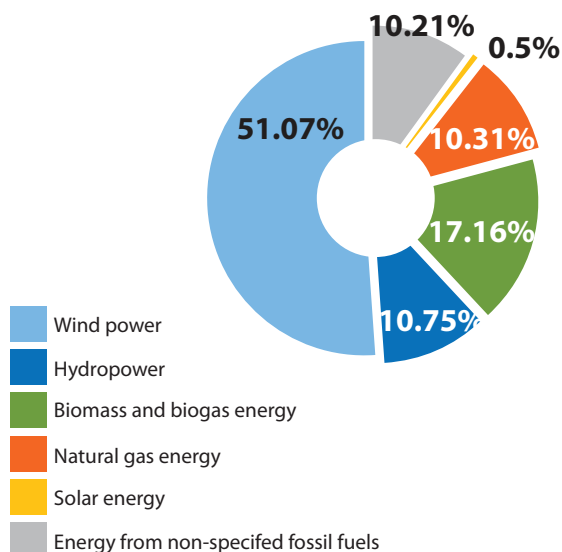
3,433,906

RES FEED-IN TARIFF ELECTRICITY GENERATION

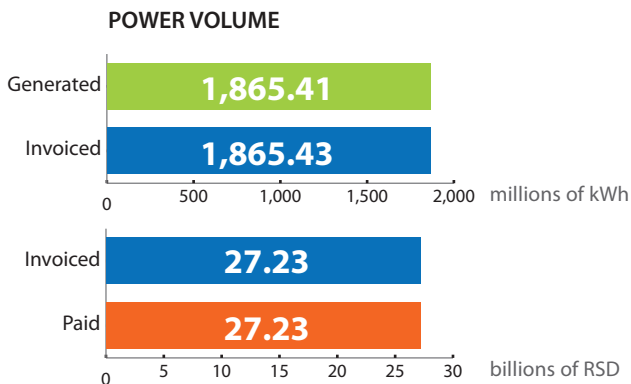
Feed-in tariff electricity volumes

PRIMARY ELECTRICITY SOURCES	(MWh)
Solar energy	9,398.65
Wind power	952,704.98
Hydropower	200,495.94
Geothermal energy	0
Biomass and biogas energy	320,117.94
Energy from non-specified renewable energy sources	0
Hard coal energy	0
Lignite and bituminous coal energy	0
Natural gas energy	192,212.28
Energy from petroleum and petroleum products	0
Energy from non-specified fossil fuels	190,476.66
Nuclear power	0
TOTAL	1,865,406.45

Structure of feed-in tariff electricity generation



PURCHASE OF ELECTRICITY FROM RES BY PRIVILEGED PRODUCERS



210

Number of producers

271

Number of power plants

Fees for privileged electricity producers

0.801
RSD/ kWh

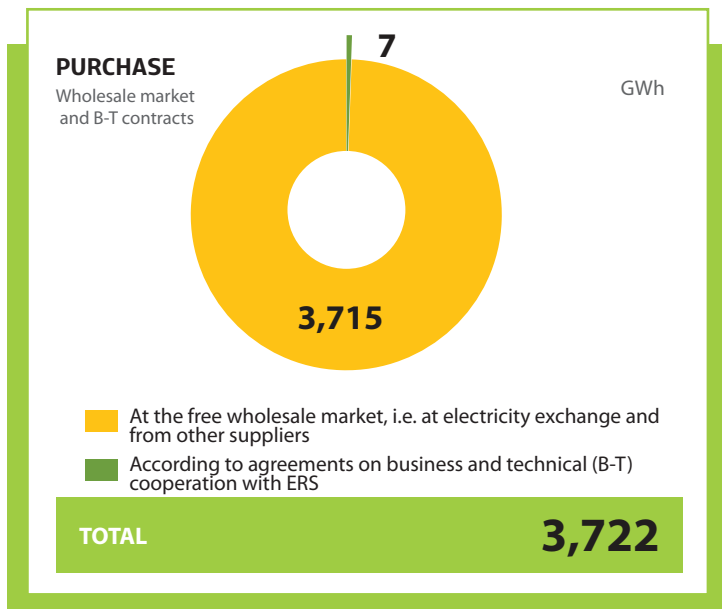
Collected and disbursed funds for incentives for privileged producers

INVOICED AND COLLECTED INCENTIVE FEES	Invoiced	Collected
	(excluding VAT, in billion RSD)	
Guaranteed supplier for end customers	11.50	11.27
Suppliers for end customers	13.69	13.42
Distribution / Transmission system operator for end customers	0.04	0.04
TOTAL	25.23	24.72

ELECTRICITY TRADE

Total scope of electricity trade in
free wholesale market

8,086 GWh



*ERS - Electric Power Industry of the Republic of Srpska

Cooperation with Electric Power Industry of the Republic of Srpska

According to agreements on business and technical cooperation



Total sales on SEEPEX amounted to 132 GWh, and total purchases to 1.233 GWh, with trading volume on the intraday market amounting to around 74 GWh. Sales via EPS



Trading on the exchanges in Hungary (HUPX), Croatia (CROPEX) and Slovenia (BSP



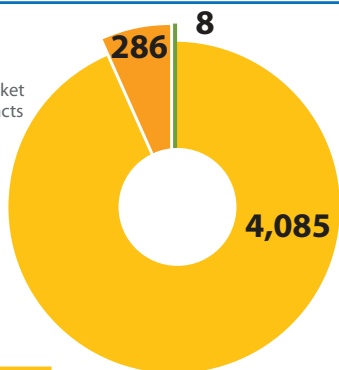
Southpool) amounted to 146 GWh, while total purchases on these exchanges amounted to 1.519 GWh.



SALE

Wholesale market
and B-T contracts

GWh



On the free
wholesale
market



To the Network Operators (EMS and EDS)

On power exchange and to other suppliers

According to the contracts on business and technical
cooperation with ERS

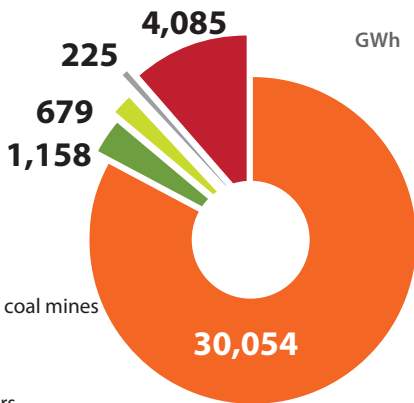
TOTAL

4,379

SALE

In EPS Group

GWh



End customers

Power plants and coal mines

PSHPP and PSP

Elektroserver

Network Operators

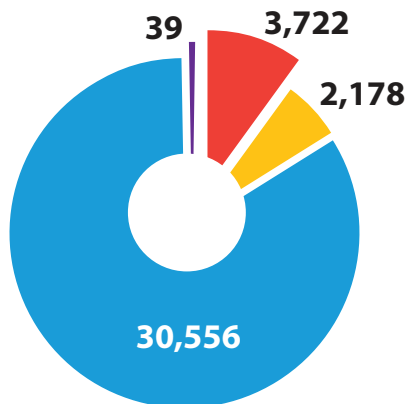
TOTAL

36,201

ENERGY PORTFOLIO REALIZATION BALANCE RESPONSIBLE PARTY EPS

AVAILABLE ELECTRICITY

GWh



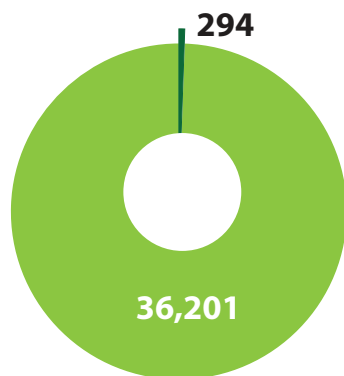
- EPS Generation
- Purchasing - wholesale market and agreements on B-T cooperations
- Purchasing from privileged and other producers outside EPS
- Net purchase on balance market of the Republic of Serbia

TOTAL AVAILABLE ELECTRICITY

36,495

ELECTRICITY DELIVERED

GWh

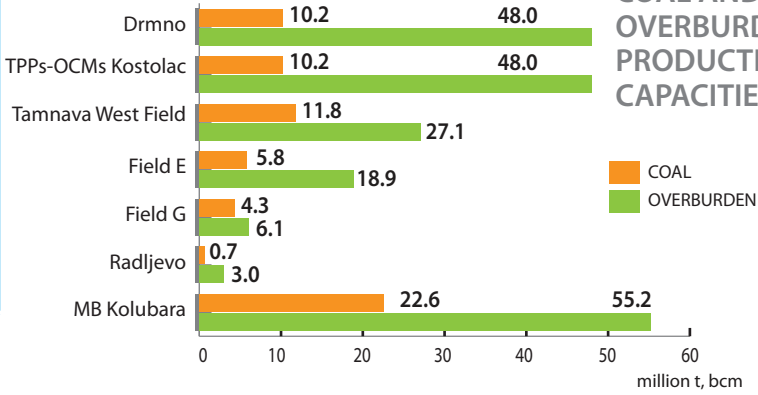


- Consumption in the Republic of Serbia supplied by EPS
- Sale - exchanges, other suppliers and contracts on B-T cooperations

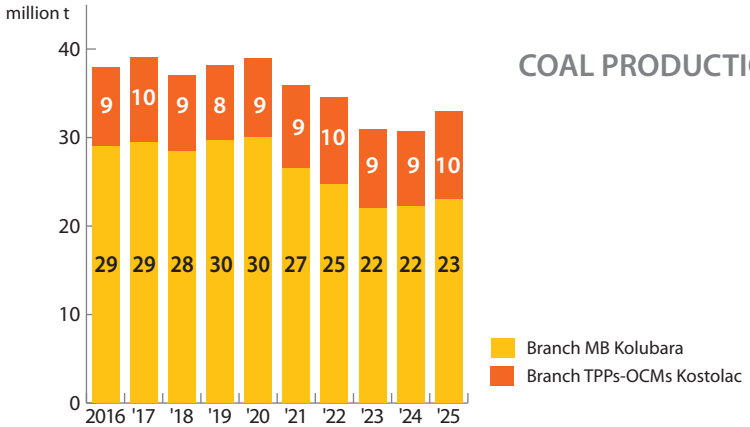
TOTAL ELECTRICITY DELIVERED

36,495

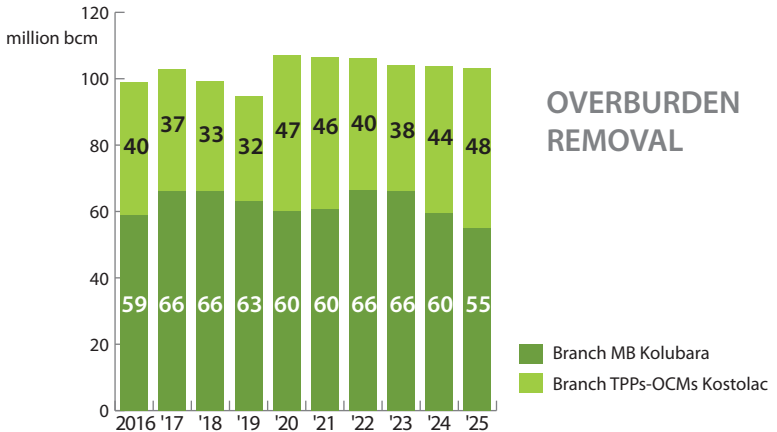
COAL AND OVERBURDEN PRODUCTION CAPACITIES



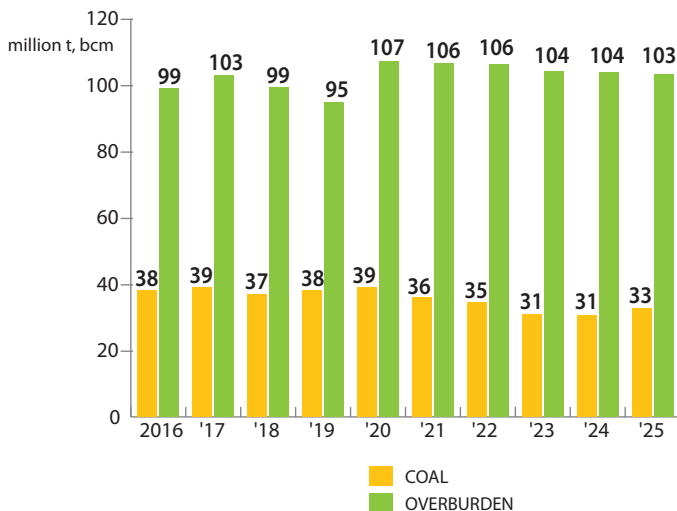
COAL PRODUCTION



OVERBURDEN REMOVAL



TOTAL COAL AND OVERBURDEN OUTPUT



STRUCTURE OF SUPPLY OF THE PRODUCED COAL

million t	MB Kolubara	TPPs-OCMs Kostolac	EPS
For TPPs	22,015,323	10,173,463	32,188,786
For drying	352,402	/	352,402
For industry	/	45,170	45,170
For heating plants	205,798	/	205,798
TOTAL	22,573,523	10,218,633	32,792,156

OVERBURDEN REMOVAL

million bcm	MB Kolubara	TPPs-OCMs Kostolac	EPS
TOTAL	55,151,409	48,019,630	103,171,039

ELECTRIC POWER INDUSTRY OF SERBIA

