

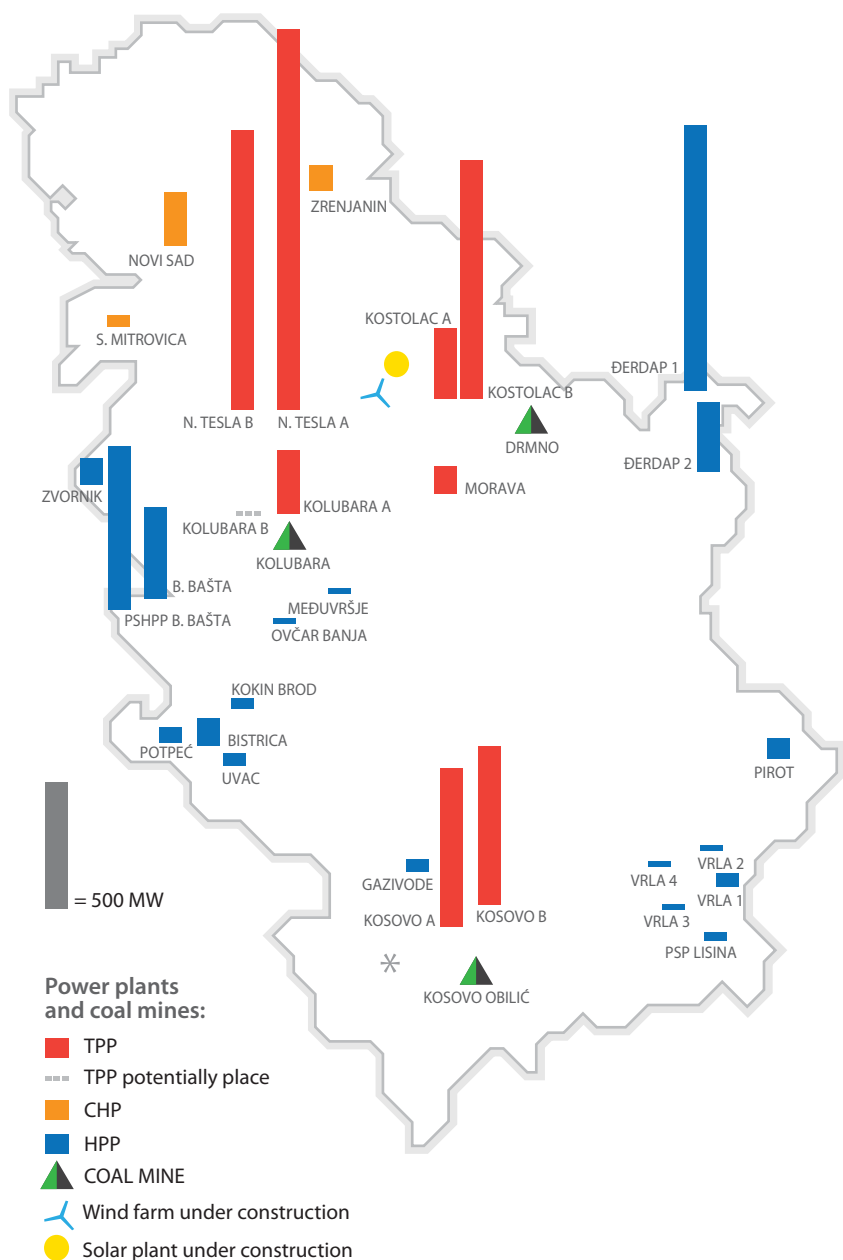
ELECTRIC POWER INDUSTRY OF SERBIA



TECHNICAL REPORT

2024

EPS INSTALLED CAPACITIES



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

EPS 2024

Data related to capacities managed by
Electric Power Industry of Serbia

GENERATION CAPACITIES

Net output capacity

7,683 MW

ELECTRICITY GENERATION

31,861 GWh

COAL PRODUCTION

30,722,824 t

OVERBURDEN REMOVAL

103,735,286 bcm

ELECTRICITY SALE

Consumption in the Republic of Serbia
supplied by EPS

35,646 GWh

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

909 GWh

ELECTRICITY PURCHASE

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

2,707 GWh

NUMBER OF CUSTOMERS

Total

3,576,382

Guaranteed supply

3,536,675

Commercial supply

39,707

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	126
HPP Elektromorava	18
HPP Potpeć	51
HPP Bistrica and HPP Kokin Brod	124
HPP Uvac	36
Mini HPPs	18
HYDRO Power Plants	3,026
EPS POWER PLANTS	7,683

ELECTRICITY GENERATION

POWER PLANT	GWh
TPP Nikola Tesla A	7,245
TPP Nikola Tesla B	7,156
TPP Kolubara	304
TPP Morava	276
TPP Kostolac A	1,934
TPP Kostolac B	4,359
THERMAL Power Plants	21,274
CHP Novi Sad	337
CHP Zrenjanin	5
CHP Sremska Mitrovica	0
COMBINED Heat and Power Plants	342
HPP Đerdap 1	5,796
HPP Đerdap 2	1,664
Vlasina HPPs	252
HPP Pirot	77
HPP Bajina Bašta + SPP Brana Lazići	1,174
PSHPP Bajina Bašta	356
HPP Zvornik	384
HPP Elektromorava	39
HPP Potpeć	141
HPP Bistrica and HPP Kokin Brod	293
HPP Uvac	37
Mini HPPs	32
HYDRO Power Plants	10,245
TOTAL	31,861

ELECTRICITY SUPPLY

SALES CHARACTERISTICS

Supply type	Number of metering points	Number of customers	Electricity (GWh)
GUARANTEED	3,632,840	3,536,675	14,270.12
LV I Level	10,372		174.40
CS	3,622,326		14,094.42
LV II Level	252,027		939.68
Households	3,370,299		13,154.74
PL	142		1.31
LAST RESORT			40.44
HV			
MV and LV			40.44
COMMERCIAL	189,780	39,707	15,231.36
HV	44		2,726.63
MV and LV	166,437		12,137.00
PL	23,299		368.28
TOTAL	3,822,620	3,576,382	29,541.92

LV - Low Voltage
MV - Middle Voltage
HV - High Voltage

CS - Consumer Spending
PL - Public Lighting

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

2,358.56 GWh

PROSUMERS	Number of metering points	Number of customers	Electricity (GWh)
	4,272	3,664	
Power taken over from prosumers			187.24
Power delivered by prosumers			32.90
DIFFERENCE			154.34

HOUSEHOLD CATEGORY

AVERAGE CONSUMPTION
per month

322 kWh

**NUMBER OF
METERING POINTS**

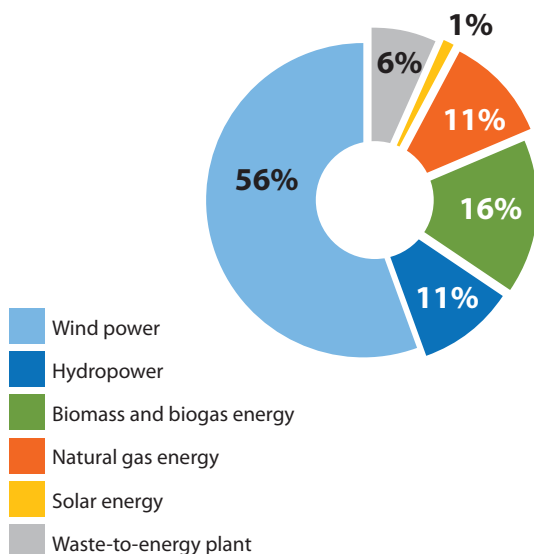
3,370,299

RES FEED-IN TARIFF ELECTRICITY GENERATION

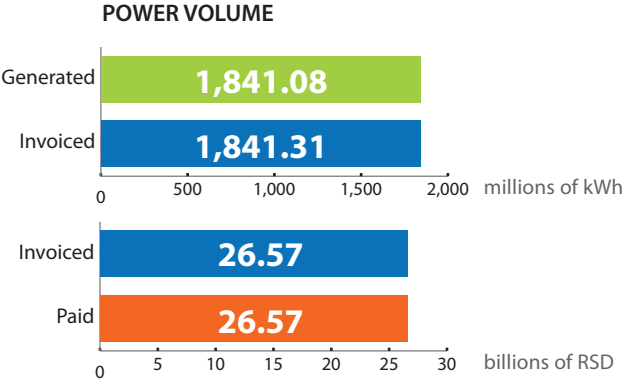
Feed-in tariff electricity volumes

PRIMARY ELECTRICITY SOURCES	(MWh)
Solar energy	10,035.54
Wind power	1,030,917.01
Hydropower	189,511.00
Geothermal energy	0
Biomass and biogas energy	288,767.03
Energy from non-specified renewable energy sources	0
Hard coal energy	0
Lignite and bituminous coal energy	0
Natural gas energy	200,185.60
Energy from petroleum and petroleum products	0
Energy from non-specified fossil fuels	0
Nuclear power	0
Waste-to-energy plant	121,662.92
TOTAL	1,841,079.10

Structure of feed-in tariff electricity generation



PURCHASE OF ELECTRICITY FROM RES BY PRIVILEGED PRODUCERS



229

Number of producers

296

Number of power plants

Fees for privileged electricity producers

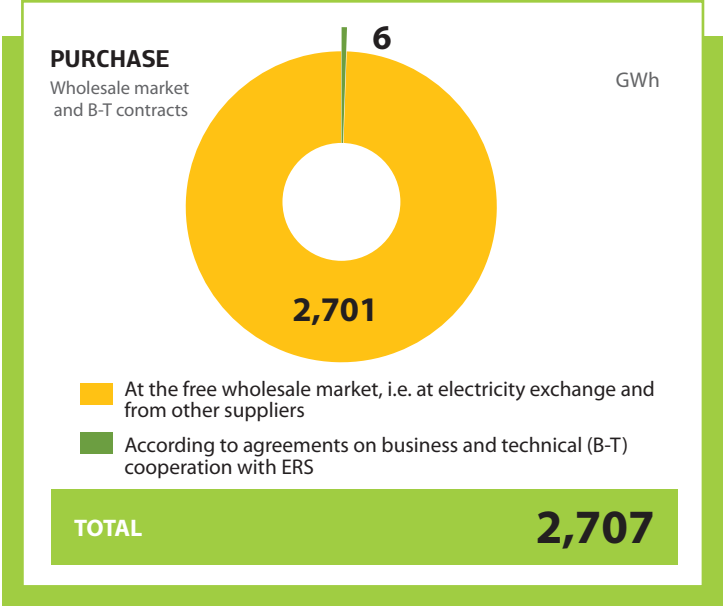
0.801
RSD/ kWh

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	11.44	11.22
Suppliers for end customers	13.53	13.25
Distribution / Transmission system operator for end customers	0.04	0.04
TOTAL	25.01	24.51

ELECTRICITY TRADE

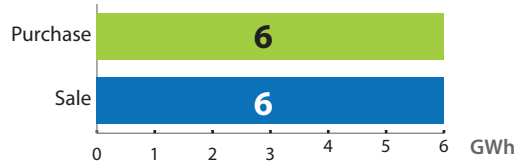
Total scope of electricity trade in free wholesale market **7,677** GWh



*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 799 GWh, and total purchases to 326 GWh, with trading volume on the intraday market amounting to around 105 GWh. Sales via EPS Trading on the exchanges in Hungary (HUPX), Croatia (CROPEX) and Slovenia (BSP Southpool) amounted to 533 GWh, while total purchases on these exchanges amounted to 930 GWh. In 2024, trading volume on the exchange in Montenegro (MERX) amounted to 1 GWh.

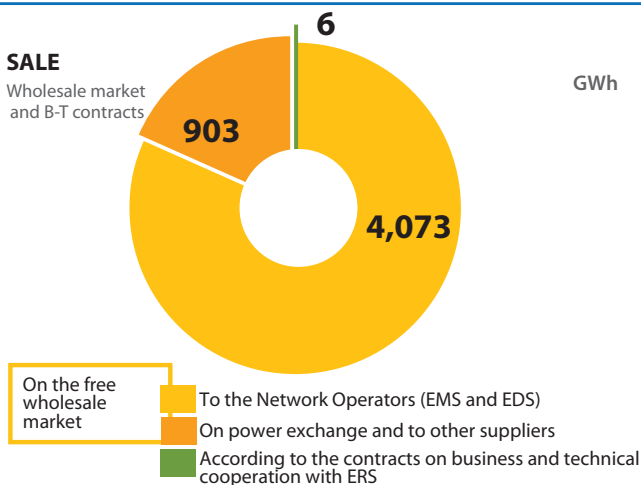




SALE

Wholesale market
and B-T contracts

GWh



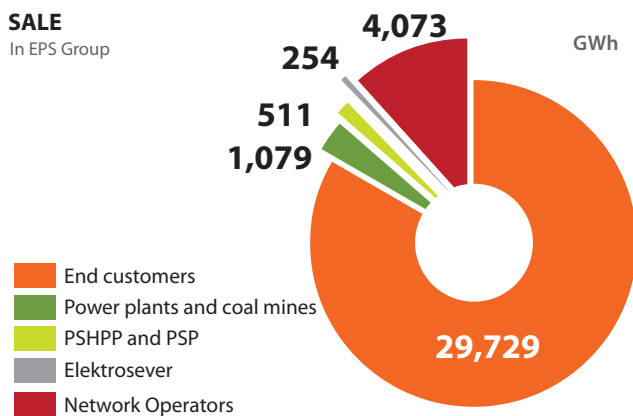
TOTAL

4,982

SALE

In EPS Group

GWh



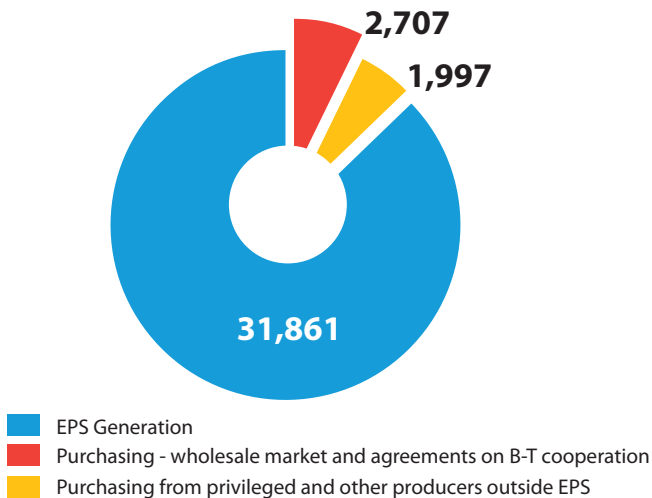
TOTAL

35,646

ENERGY PORTFOLIO REALIZATION BALANCE RESPONSIBLE PARTY EPS

AVAILABLE ELECTRICITY

GWh

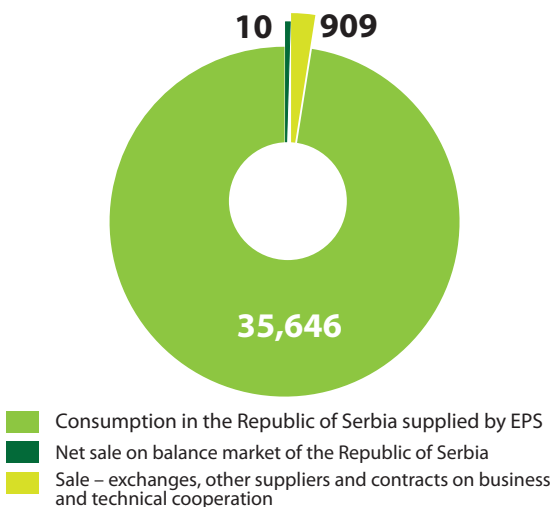


TOTAL AVAILABLE ELECTRICITY

36,565

ELECTRICITY DELIVERED

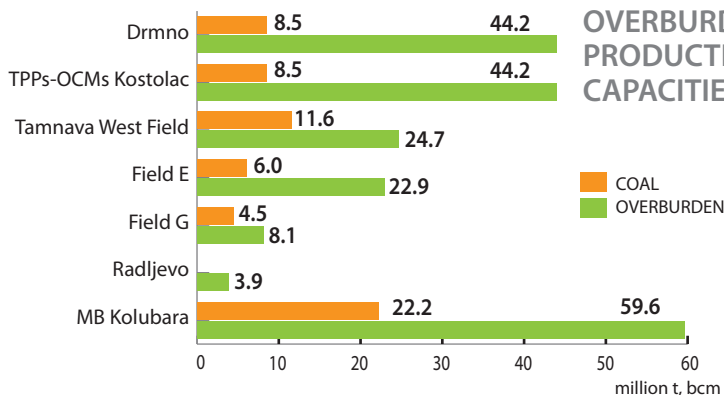
GWh



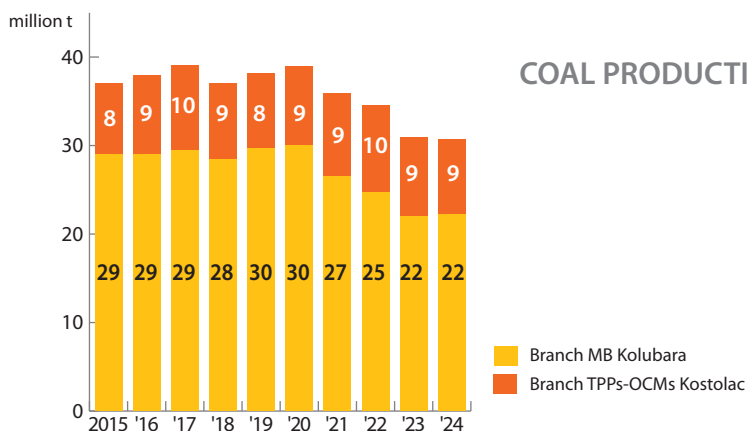
TOTAL ELECTRICITY DELIVERED

36,565

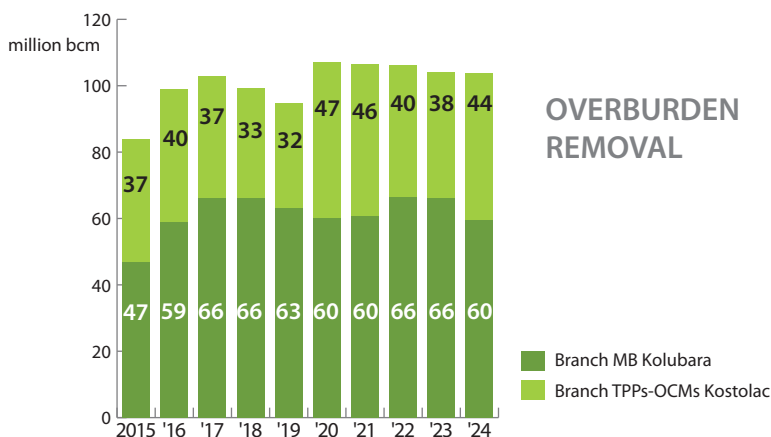
COAL AND OVERBURDEN PRODUCTION CAPACITIES



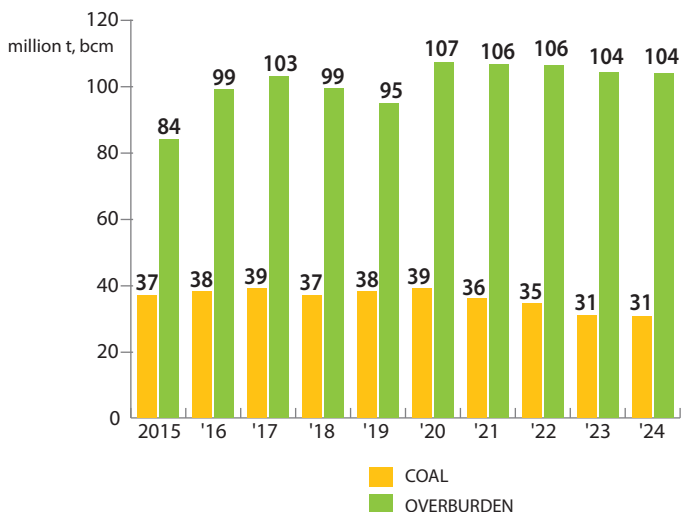
COAL PRODUCTION



OVERBURDEN REMOVAL



TOTAL COAL AND OVERBURDEN OUTPUT



STRUCTURE OF SUPPLY OF THE PRODUCED COAL

million t	MB Kolubara	TPPs-OCMs Kostolac	EPS
For TPPs	21,693,792	8,492,079	30,185,871
For drying	319,555	/	319,555
For industry	/	48,719	48,719
For heating plants	168,679	/	168,679
TOTAL	22,182,026	8,540,798	30,722,824

OVERBURDEN REMOVAL

million bcm	MB Kolubara	TPPs-OCMs Kostolac	EPS
TOTAL	59,578,107	44,157,179	103,735,286

ELECTRIC POWER INDUSTRY OF SERBIA

