

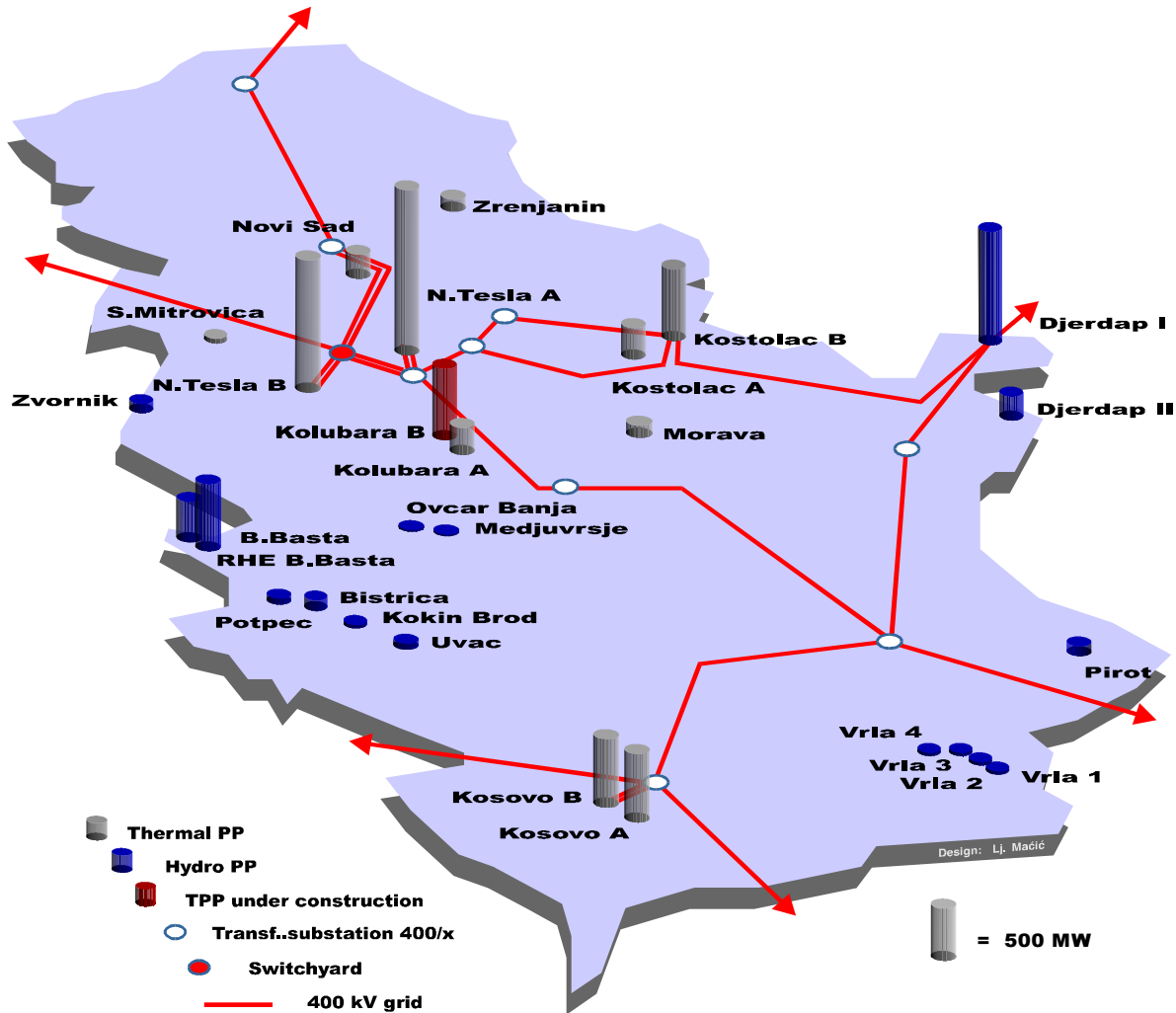


**ЕЛЕКТРОПРИВРЕДА
СРБИЈЕ**

EPS RES Projects

**Vladimir Đorđević, Head of EPS HQ RES Department,
Belgrade, September 2014**

JP EPS– Basic indicators



JP EPS 2013 Basic Indicators

Installed capacity	
○ Hydro power plants	2,835 MW
○ Thermal power plants	5,171 MW* 3,936 MW**
○ Combined production	353 MW
Total	8,359 MW* 7,124 MW**

Energy production	37,4 GWh**
Coal production	39.5 mil t **
Gross consumption	34,009 GWh**
Number of customers	3.63 million**

*with K&M ** without K&M

As of the end of June 1999, EPS does not manage its capacities on Kosovo and Metohija (K&M)

EPS RES 2014-2025 priorities

- Rehabilitation of the existing large HPP (HPP Đerdap, Vlasinske HPP, PSHPP Bajina Bašta, HPP Bistrica, HPP Zvornik)
- Rehabilitation of 15 SHPP
- Construction of new capacities – large HPP, small HPPs, Wind Plant, Solar Plant



Large HPP and PSHPP Projects

Project	Model	Capacity (MW)	Annual generation (GWh)	Investments (mil €)	Start / End
Ibarske HPPs	Joint Venture (Agreement with Italy)	120	453	332	2015/2020
PSHPP Bistrica		680		553	2016/2021
PSHPP Đerdap 3	(possible 4x600MW)	600 (I phase)		490	2018/2025
HPP Velika Morava	Joint Venture Memorandum with RWE	147	645	352	2016/2021
HPP Gornja Drina	With Republika Srpska (EPS and SECI)	250	800	435	2016/2023
Bajina Basta V unit		42	70	20	2016/2018
Potpeć IV unit		12,7	14,3	13	2016/2018
HPP Srednja Drina	With Republika Srpska (EPS and SECI)	320	1,200	820	2018/2026

Other RES Projects

Project	Model	Capacity (MW)	Annual generation (GWh)	Investments (mil €)	Start / End
5 New SHPPS		7,5	24	18	2015/2017
Wind Kostolac		50	130	70	2016/2018
Solar Kostolac		5	6	6	2016
15+8 SHPPs	EBRD Loan	32,2	127,6	43,9	2014/2017

EBRD Loan for SHPP – Tenders Launching

Rehabilitation of 15 existing SHPPs

Installed capacity of rehabilitated SHPPs	17,4 MW
Total annual generation	76,5 GWh
Increase of installed capacity/system generation	2,8 MW /29GWh
Total investments for rehabilitation	23,2 mil. €

EBRD loan - new SHPPs on 8 existing water supply dams

Installed capacity of new SHPP	14,8 MW
Total average annual generation	51,1 GWh
Total investments into new SHPPs	20,7 mil. €

The first lot was launched on 16.09.2014., other two by 31.12.2014.

Thank you for your attention!



**JAVNO PREDUZEĆE
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