ELEKTROZAPAD DOO
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ELEKTROZAPAD DOO
PORTFOLIO

Elektrozapad Company is founded in 2015 in Belgrade and operates within the field of electric power engineering. The company's operations encompass all phases of project realization, including design and implementation, ensuring solutions that meet the strictest international standards. It specializes in the design and construction of power facilities, engineering services within these facilities, power supply systems provision, and manufacturing cabinets and equipment for the electric power sector.

The company is divided into five sectors, which represent its primary market orientations:

1) Construction of power facilities
2) Engineering in power facilities
3) Power supply systems
4) Commercial and industrial facilities
5) Production

At the core of the company is a team of engineers with extensive experience, specialists in their fields, who have collectively executed major projects such as transformer stations, hydroelectric plants, thermal power plants, and transmission lines, both domestically and internationally. Their expertise and rich experience form the foundation of our capability to deliver the most efficient and reliable solutions in this field.

Our vision is to become a leader in the electric power engineering sector, recognized for innovation, exceptionally high quality standards, and flawless project execution. We aim to continuously advance the electric power industry through technological innovations and efficient solutions, providing our clients with the highest level of services.

Our focus is on continually enhancing the expertise of our team and expanding our market presence, enabling us to meet all demands and maintain our reputation as a dependable and expert partner.

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Construction of power facilities

- Dismantling and erection of MV facilities
- Dismantling and erection of primary and secondary equipment in facilities from 110 kV up to 400 kV
- Design of complete electrical part of MV and HV substations
- Design of 110 kV, 220 kV and 400 kV bays for reconstructions
- Detail design of the relay protection system for reconstruction of HV facilities
- Consulting and supervision of the electrical works during construction of HV facilities

Engineering in power facilities

- Configuration and parameterization of relay protection system for MV and HV facilities
- Functional testing and commissioning of relay protection and remote control systems in MV and HV facilities
- Preparation of relay protection settings studies
- Regular and corrective maintenance of electric power facilities
- Regular annual overhauls of HV equipment on MV and HV facilities
- Regular annual testing of relay protection system and remote control system on MV and HV facilities

Power supply systems

- Design of power supply systems for LV, MV and HV facilities (rectifier systems, inverters, DC/DC converters, batteries)
- Testing and functional evaluation of power supply systems
- Installation, commissioning and maintenance of power supply systems

Commercial and industrial facilities

- Design, erection and commissioning of complete electrical part of public, business and residential buildings, industry and other facilities
- LV installations, telecommunication, safety, security, maintenance and monitoring systems
- Smart control and monitoring systems on facilities and systems integration

Production

- Production of cabinets for relay protection and remote control system
- Production of cabinets for power supply systems for LV, MV and HV facilities
- Production of cabinets for automation system and installations for commercial and industrial facilities

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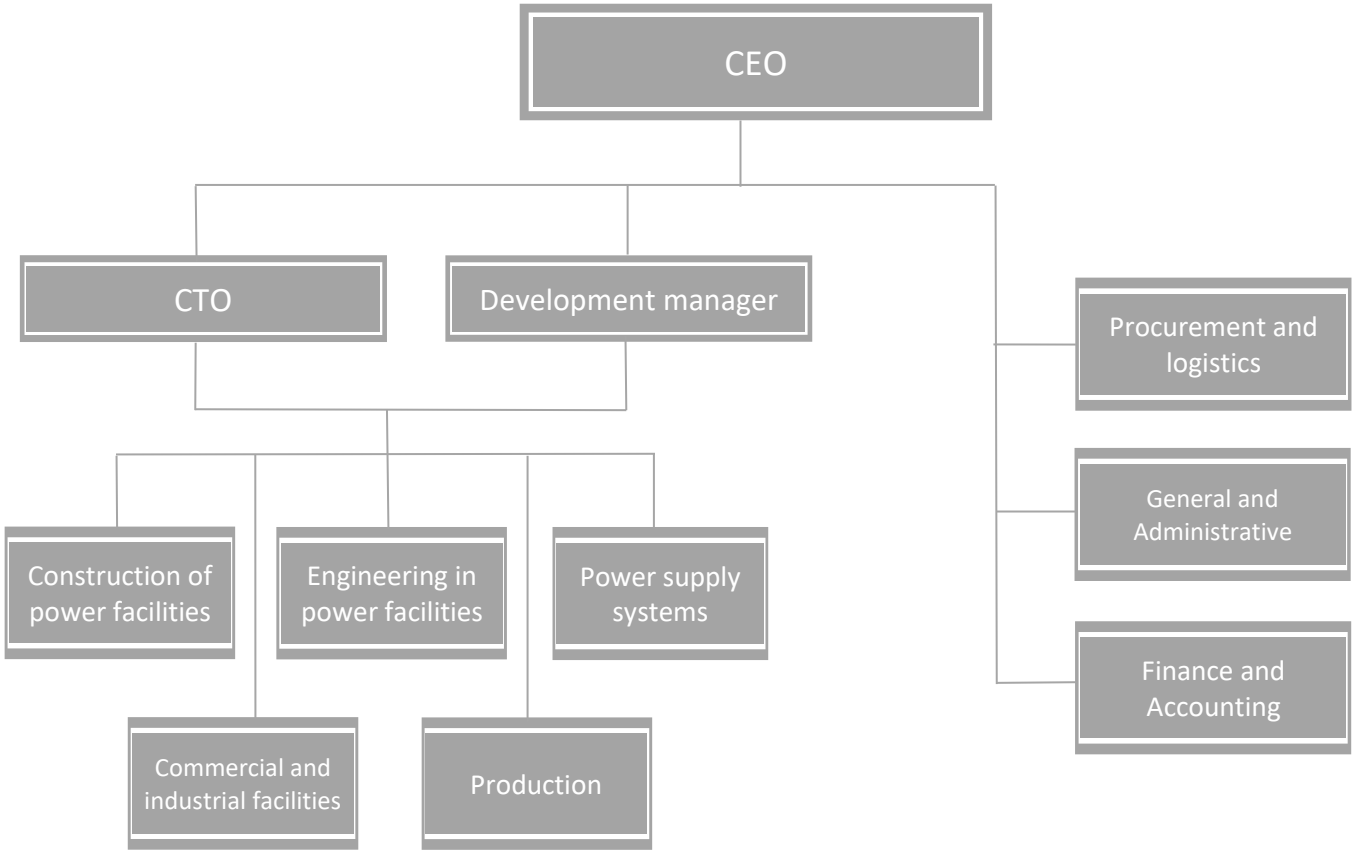
ORGANIZATIONAL SCHEME



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REFERENCES LIST

I Medium Voltage and High Voltage facilities

1) Technical specification of power energy equipment for SY 220 kV and SS 220/33 kV WF Kovačica as part of the preparation of tender documentation for the construction of WF Kovačica (105 MW)
2) Design documentation revision, power energy equipment specification and harmonization of design documentation with TSO (EMS) internal standards for SY 220 kV WF Kovačica
3) Configuration, parameterization, relay protection settings study and commissioning (FAT, SAT) of relay protection and auxiliary supply systems; commissioning (SAT) of circuit breakers, disconnectors and measuring transformers for SY 220 kV WF Kovačica
4) Documentation preparation and performing of Grid compliance tests (compliance with the TSO rules) for WF Kovačica
5) Design documentation revision, power energy equipment specification and harmonization of design documentation with TSO (EMS) internal standards for SY 400 kV WF Čibuk (Dolovo) (157 MW)
6) Configuration, parameterization, relay protection settings study and commissioning (FAT, SAT) of relay protection and auxiliary supply systems; commissioning (SAT) of circuit breakers, disconnectors and measuring transformers for SY 400 kV WF Čibuk (Dolovo)
7) WF Čibuk (Dolovo) - SY 400 kV and Substation 33/400kV - supervision of electrical works during construction of HV facilities
8) Replacement of 6 kV circuit breakers in SG 6 kV TPP TENT B
9) Commissioning of relay protection system on five SS 35/10 kV in EPCG (Montenegrin DSO)
10) Setting and commissioning of relay protection in 6 kV facilities in the Oil refinery Pančevo - Switchgears N1, N2, 220, 2201, SS 35, BC, BD
11) Design, replacement and commissioning of relay protection in SS 35/10 kV Kanarevo brdo and SS 35/10 kV Novi Beograd 3
12) Configuration, parameterization and commissioning of relay protection in SS 110/20 kV Krnješevci
13) Configuration, parameterization and commissioning of relay protection in railway power stations: EVP Slovac, EVP Resnik and four PS power stations
14) Configuration, parameterization and commissioning of relay protection in SHPPs Vrgudinac, Seljašnica and Turica
15) Configuration, parameterization and commissioning of relay protection in 6 kV facility HPP Đerdap 2
16) Functional tests on the excavator station BWE6600 on surface mine Kolubara
17) Regular annual overhaul in seven SS 110/35/10 kV PD Centar Kragujevac
18) Relay protection settings study for Bosch factory facility 20/0.4 kV
19) Relay protection settings study for 6 kV facilities of JKP Beogradske Elektrane (Belgrade heating plants)
20) Testing of relay protection in 110 kV, 35 kV and 6 kV facilities of JKP Beogradske elektrane during regular annual overhauls
21) Configuration, parameterization and commissioning of relay protection and control system in HPP Vrla 1 (2x40MVA)
22) Preventive and corrective maintenance of BoP complex - Wind Farm Čibuk 1 (157MW)
23) Configuration, parameterization and commissioning of relay protection and control system in SS 110/6 kV Rudnik 4 and SS 110/35/10 kV Loznica 2
24) Configuration, parameterization and commissioning of relay protection in EVP Zemun, PSN Batajnica and PS Stara Pazova (railway substations on Beograd - Novi Sad railway section)
25) Configuration, parameterization and commissioning of relay protection and control system in SS 110/10 kV Čukaru Peki and PRP 110kV Bor 4, Bor
26) Design documentation for detail design of SHPP Rovni and SHPP Ćelije

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27) Configuration, parameterization and commissioning of relay protection and control system, and Relay protection settings study - SHPP Rekovići (3x2.8MVA)
28) Configuration, parameterization and commissioning of relay protection and control system in SS 110/35/20kV Tutin
29) Configuration, parameterization and commissioning of relay protection and control system in PRP 220kV TETO Pančevo (GIS 220kV facility)
30) Erection of primary and secondary electrical equipment in EVP Inđija, PSN Beška and PS Sremski Karlovci (railway substations on Beograd - Novi Sad railway section)
31) Configuration, parameterization and commissioning of relay protection and control system in EVP Inđija, PSN Beška and PS Sremski Karlovci (railway substations on Beograd - Novi Sad railway section)
32) Erection and commissioning of telecomunication system in PRP 110kV and SS 110/10kV Veliki Krivelj 2, Bor
33) Configuration, parameterization and commissioning of relay protection and control system in PRP 110kV and SS 110/10kV Veliki Krivelj 2, Bor
34) Erection of primary and secondary electrical equipment in SS 110/10kV Bor 5 with 110kV cable lines to PRP 110kV Bor 5, Bor
35) Installation and commissioning of complete telecommunication system on facilities: PRP 110kV and SS 110/10kV Veliki Krivelj 2; PRP 110kV and SS 110/10 kV Bor 5, Bor
36) Configuration, parameterization and commissioning of relay protection and control system in PRP 110kV and SS 110/10kV Bor 5, Bor
37) Delivery, installation and documentation design for teleprotection devices installation in Serbian TSO (EMS) HV power stations
38) Delivery and installation of parts of relay protection and control system for 220kV PRP Pančevo power station
39) Delivery and installation of parts of relay protection and control system for HV/MV facilities in TCPP Pančevo and Oil Refinery Pančevo
40) Commissioning of railway power stations on Beograd - Novi Sad and Novi Sad - Subotica railway line (3 x 110kV EVP facilities, 7 x PS/PSN MV facilities)
41) Production of a relay protection and control system cabinets for SS 400/110 kV Bor 6, Bor (63 panels in total)
42) EPC BoP contractor for all electrical works on substation and MV cable network, including commissioning – Wind Farm Pupin (94,6MW), Kovačica, Serbia
43) Installation of equipment for relay protection systems and telecommunications at EMS facilities (SS Jagodina 4, SS S. Mitrovica 2, SS Sombor 3).
44) Production of control and protection cabinets for EMS facilities (SS Bor 2, PRP Bor 4, PRP Košava, RP TENT B, SS Jagodina 4, RP Đerdap 2; 9 panels in total)

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II Commercial and industrial facilities

1) Institute for Cardiovascular Diseases Dedinje 2 hospital
2) Multifunctional sports hall Košutnjak
3) Faculty of Electronic Engineering, Niš
4) Business complex Parking Servis
5) Health station Borča
6) Residential complexes SPV Avala (Beograd - Zemun), SPV Dunav and SPV Tisa (Novi Sad)
7) Several retail stores Delhaize Srbija (hypermarkets, supermarkets)
8) High school Dragačevo, Guča
9) Health station Alibunar
10) High school Alibunar
11) High school Lazarevac
12) Hospital Smederevska Palanka
13) Hotel Grand Kopaonik
14) Football stadium Kraljevica, Zaječar
15) HQ of the Tax Administration in Belgrade
16) Parking servis, building A
17) Constantin the Great airport in Niš – airport dock building

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LIST OF ONGOING PROJECTS

I Medium Voltage and High Voltage facilities

1) Preventive and corrective maintenance of BoP complex - Wind Farm Kovačica (104MW)
2) WF Čibuk 2 (154 MW) - Construction of a compete network of MV and FO cables on the wind farm complex
3) Production, delivery and installation of 220V/48V DC-DC converter panels (self consumption system) for Serbian TSO (EMS) HV power stations
4) Reconstruction and regular maintenance of HV and LV facilities on highways (substations and distribution centers)
5) Construction and erection of HV bays in EMS facilities (SS Bor 2, PRP Bor 4)
6) Connection of PV Heineken in Novi Sad to the distribution system
7) System for faults detection on cable sections of mixed 110kV lines between SS Niš 2 and SS Niš 6
8) Installation of equipment for relay protection systems and telecommunications at EMS facilities (SS Beograd 8, SS Novi Sad 3)
9) SS 35/10kV Dobanovci - reconstruction of the relay protection and remote control system
10) Production of cabinets and delivery of equipment for own consumption and measurement systems for SS 400/110 kV Beograd 50
11) Production of a relay protection and control system cabinets for SS 400/110 kV Beograd 50

II Commercial and industrial facilities

1) Sports hall Inđija
2) Sports center Radnički, Belgrade
3) University Children's Clinic "Tiršova 2"
4) Wastewater treatment plants, City of Niš
5) Maxi facilities (Delhaize)