

**ELEM & ELGO d.o.o.**

design, consulting, trade  
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**RELEVANT MAJOR PROJECT EXPERIENCE**
**- HV and MV Overhead and Underground Cable Lines and Substations -**

**Note:** Performance Certificates for single referenced projects, issued by Clients, may be presented on request.

No	Project Name	Location	Contractual Role and Services of E&E	Affiliate Company	Period of Contract	Employer and Place	Notes
1	<b>Morava Corridor Motorway Project</b> Design and Relocation Works of High, Medium and Low Voltage Electrical Lines in Sections 1, 2 and 3 (0.4kV, 10kV, 35kV and 110kV lines)	Serbia	Services: <ul style="list-style-type: none"> <li>• Conceptual design;</li> <li>• Preliminary design;</li> <li>• Design for construction permit;</li> <li>• Advisory services to the construction company;</li> <li>• As-built design;</li> </ul>	Elektromontaža d.o.o. Kraljevo (construction part)	08.2020 - present	Employer: PE Roads of Serbia Main Contractor: ENKA Bechtel	
2	<b>Windfarm Bašaid – consultancy and design services related to the grid connection project (110kV OHL and 110kV Switchyard)</b> Design and consultancy services from the analysis of options for connection to the 110kV network to design for construction permit.	Serbia	Services: <ul style="list-style-type: none"> <li>• Draft Design Terms of References for both components (OHL and SWY)</li> <li>• Conceptual design;</li> <li>• Support during the preparation of spatial planning documentation;</li> <li>• Preliminary design;</li> <li>• Design for construction permit;</li> </ul>	Global Substation Solutions d.o.o. Beograd	03.2020 - present	Bašaid Wind d.o.o.	
3	<b>WB21-SRB-ENE-01 - Serbia, North CSE corridor, new 400/110 kV Belgrade West Substation and OHL 400 kV Serbia-Romania: Pre-Feasibility Study including Conceptual Design and Preliminary ESIA</b> <b>Subproject includes 3 components:</b> 1. Substation (SS) 400/110 kV Belgrade West with the alignment of the 400 kV and 110 kV OHLs 2. 400 kV OHL SS Belgrade West – WPP Čibuk 1 (app. 60 km) 3. Upgrade of existing OHL 400 kV Serbia (HPP Djerdap 1) – Romania (Portile de Fier) to double-circuit OHL (app 2 km)	Serbia	Services: <ul style="list-style-type: none"> <li>• Project management (project team leader);</li> <li>• Development of OHL corridor alternatives and technical assessment;</li> <li>• Development of alternative SS locations and technical assessment;</li> <li>• Comparison of project options and Multi Criteria Assessment (MCA)</li> <li>• Pre-Feasibility Study</li> <li>• Conceptual design of OHL and SS – Serbian legislation;</li> </ul>	N/A	07.2020 – present	Subcontractor to PLANET SA (IPF7 Consortium)  End beneficiary: Elektromreža Srbije JSC (TSO in Serbia)	<i>Project financed by European Commission (WBIF – IPF), Lead IFI - KfW</i>

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4	<p><b>400 kV single circuit OHL of approx. 90km between Ekhyddan and Nybro and a new 400 kV single circuit OHL of approx. 80km km between Nybro and Hemsjö</b></p> <p>Power line engineer for review of detailed design for the Ekhyddan - Nybro - Hemsjö Project / Civil Part (Foundations)</p>	Sweden	<p>Services:</p> <ul style="list-style-type: none"> <li>Review of detailed design (foundations, earthing, other general documentation)</li> <li>Participation at project progress meetings with designers and client (SVK);</li> </ul>	N/A	02.2020 – present	<p>Subcontractor to Andersson&amp;Sjöblom Technical Management AB and Vattenfall Services Nordic</p> <p>Employer: Svenska Kraftnät</p>	
5	<p><b>Highway E-70/E-75 Belgrade Ring Road, section Dobanovci – Bubanj Potoc, Section 6</b></p> <p><b>Design of crossing and reconstruction of two 110kV and three 220kV OHLs</b></p>	Serbia	<p>Services:</p> <ul style="list-style-type: none"> <li>Design of towers – including workshop drawings;</li> <li>Crossing studies;</li> <li>Design for construction of 110kV and 220kV lines;</li> <li>Follow-up of construction works and advisory services to the construction company;</li> <li>As-built design;</li> </ul>	Elektromontaža d.o.o. Kraljevo (construction part)	03.2020 - present	<p>Employer: PE Roads of Serbia</p> <p>Main Contractor: AZVIRT</p> <p>Beneficiary: Elektromreža Srbije JSC</p>	
6	<p><b>35kV OHL and U/G cable SS Vinča – SS Vinča Deponija (2.8 km + 0.36km) and</b></p> <p><b>35kV U/G cable from 35kV OHL No. 357 to SS Vinča Deponija (1.4 km)</b></p>	Serbia	<p>Services</p> <ul style="list-style-type: none"> <li>Design for construction;</li> <li>Preventive Measures Plan;</li> <li>As-built Design;</li> </ul>	Elektromontaža Kraljevo, Serbia	01.2020 - present	SUEZ Vinca Operator d.o.o. Serbia	
7	<p><b>400kV Interconnection Serbia – Montenegro – Bosnia and Herzegovina (WB13-REG-ENE-01)</b></p> <p><b>Technical documentation preparation and TSO support</b></p> <ol style="list-style-type: none"> <li>Preliminary and Detailed Design of 400kV OHL in three countries and terminal substation Pljevlja 2</li> <li>ESIA / EIA Report</li> <li>System network and market studies</li> <li>Financial &amp; Economic Assessment</li> <li>Project Implementation Plan</li> </ol>	Serbia, BiH, Montenegro	<p>Services</p> <ul style="list-style-type: none"> <li>Project management;</li> <li>ESIA / EIA;</li> <li>Complete design services;</li> </ul>	N/A	09.2019 – present	<p>Subcontractor to Hill International UK</p> <p>End beneficiaries: TSOs in Serbia, Montenegro and BiH</p>	<p><i>Project financed by European Commission (WBIF – IPF), Lead IFI - KfW</i></p>

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8	<p><b>400kV OHL Snösättra – Ekudden - Construction management and supervision -</b></p> <p>Consultancy services and supervision of construction works on reconstruction of 400kV OHL, including technical management, project administration, review of technical documentation, project management and site supervision. Demolition works on existing line are included in the scope.</p>	Sweden	<p>Services</p> <ul style="list-style-type: none"> <li>• Assistance to technical management and project administration;</li> <li>• Review of technical and project planning documentation (electrical part);</li> <li>• Participation in technical meetings;</li> <li>• Drafting of reports;</li> <li>• Supervision of site works – demolition of existing line and construction of new line;</li> </ul>	N/A	06.2019 – present	<p>Subcontractor to Andersson&amp;Sjöblom Technical Management AB and Vattenfall Services Nordic</p> <p>Employer: Svenska Kraftnät</p>	
9	<p><b>110kV OHL No. 148/2 SS Bor 2 – SS Zaječar 2. Lead-in into 110kV SWY Bor 4 for supply of new mining complex (approx. 10 km)</b></p> <p>Preparation of design documentation, support to the Client in preparation of general documentation (Terms of References), consulting services, construction supervision</p>	Serbia	<p><u>Contract No.1</u></p> <ul style="list-style-type: none"> <li>• Route of line selection study;</li> <li>• Conceptual Design;</li> </ul> <p><u>Contract No.2</u></p> <ul style="list-style-type: none"> <li>• Conceptual Design - update;</li> <li>• Preliminary Design;</li> <li>• Tender Documents / Tech.Specs</li> </ul> <p><u>Contract No.3</u></p> <ul style="list-style-type: none"> <li>• Design for Construction Permit;</li> <li>• Design for Construction;</li> <li>• Supevision of construction works</li> <li>• Consultancy services / project management</li> </ul>	Subcontractor to Global Substation Solutions d.o.o. Beograd	<p>12.2018 – 04.2019 (C1)</p> <p>07.2019 – present (C2)</p> <p>10.2019 – present (C3)</p>	<p>Rakita Exploration d.o.o. Bor, Serbia</p> <p>from 2020: Serbia Zijin Mining d.o.o. Bor Serbia</p>	
10	<p><b>OHTL 380 kV Meeden - Diele - Structural check of tower No.2 in front of SS Meeden with PLS TOWER</b></p> <p>Design services within design of Substation Meeden – related to checking of terminal tower with new loading conditions;</p>	Netherlands	<p>Services:</p> <ul style="list-style-type: none"> <li>• Calculation of loads on tower after extension / reconstruction works in the substation, comparison with the loading table used for original design and proposal of measures (without structural analysis);</li> <li>• Modelling of the steel structure in TOWER software (Power Line Systems Inc.) using the original tower design data;</li> <li>• Checking of steel structure for calculated actual loading table.</li> </ul>	PSR Engineering Solutions / RCM Technologies	06.2019 – 10.2019	End Client: TenneT, Netherlands	

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11	<b>Study on crossing of 110kV U/G Cable Line No. 1203/2 SS Beograd 28 – SS Beograd 36</b> with new facilities (modern sculpture with infrastructure) built at the roundabout „Bogoslovija“ in Belgrade	Belgrade, Serbia	Services: <ul style="list-style-type: none"> <li>• Geodetic survey of existing cable line using ultra sound method;</li> <li>• Study of relation between existing cable and new facilities;</li> <li>• Analysis of inductive influence of cable on metal elements of the sculpture;</li> <li>• Preparation of crossing study;</li> </ul>	N/A	06.2019 – 09.2019	Elektromreža Srbije (EMS), Serbia	
12	<b>Design review on projects of HV underground cable lines in the urban areas.</b> Finalized and ongoing projects: <ul style="list-style-type: none"> <li>• 110kV U/G cable SS Beograd 17 - SS Beograd 23 "Autokomanda"</li> <li>• 110kV U/G cable SS Beograd 23 - SS Beograd 45</li> <li>• 110kV U/G cable SS Beograd 45 – TETO Beograd;</li> </ul>	Belgrade, Serbia	Services: <ul style="list-style-type: none"> <li>• Technical review and recommendation for improvement of design documents;</li> <li>• Participation in technical clarification meetings;</li> <li>• Issue of final technical review report;</li> </ul>	N/A	2018 - 2019	Elektromreža Srbije (EMS), Serbia	
13	<b>Technical Inspection of works on HV underground cable lines (110kV)</b> Technical inspection of works during the construction works and upon commissioning. Finalized and ongoing projects: <ul style="list-style-type: none"> <li>• 110kV U/G cable SS Kruševac 1 - SS Kruševac 3</li> <li>• 110kV U/G cable SS Beograd 17 - SS Beograd 23 "Autokomanda"</li> <li>• 110kV U/G cable SS Beograd 23 - SS Beograd 45</li> <li>• T110kV U/G cable SS Beograd 45 – TETO Beograd;</li> </ul>	Serbia	Services: <ul style="list-style-type: none"> <li>• Technical inspection, according to legislation of Serbia;</li> <li>• Checking of quality of works, as per approved design documentation, during the duration of works (electrical, civil, telecommunication);</li> <li>• Checking of necessary design documentation, construction logs, certificates and testing documentation;</li> <li>• Checking of compliance of erected material and equipment with tech.documentation;</li> </ul>	N/A	2018 - present	Elektromreža Srbije (EMS), Serbia	
14	<b>110kV OHL No. 107/2, lead-in into SS Ub, length approx. 10km</b> Preparation of design documentation from selection of the route line to Design for Construction and assistance to the Client in the process of provision of consents and permits.	Serbia	Services <ul style="list-style-type: none"> <li>• Route of line selection study;</li> <li>• FS with the Preliminary Design;</li> <li>• EIA Study;</li> <li>• Crossing and other relevant studies;</li> <li>• Design for Construction Permit;</li> <li>• Expropriation study;</li> <li>• Design for Construction;</li> <li>• Tower design;</li> </ul>	N/A	11.2018 – present	Elektromreža Srbije (EMS), Serbia	

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15	<p><b>220kV OHL for connection of future Cogeneration Power Station Pančevo to the Serbian power grid.</b></p> <p>Design and consultancy services for implementation of the project, including conceptual design of OHL, design of friction piled foundations, preliminary and detailed design of OHL, preparation of tender documents for construction and support in process of provision of permits and consents.</p>	Serbia	<p>Services:</p> <ul style="list-style-type: none"> <li>Route of line selection study,</li> <li>Conceptual Design of OHL</li> <li>Preliminary Design of OHL</li> <li>Detailed design of OHL (2 stages)</li> <li>Design of friction piled foundations</li> <li>Tender documents</li> <li>Assistance in provision of consents and construction permit</li> </ul>	N/A	11.2018 - present	NIS GAZPROM, Serbia End beneficiary: JSC Elektromreža Srbije (EMS), Serbia	
16	<p><b>Consulting Services for Construction of 400 kV Single Circuit Transmission Line Kragujevac 2 - Kraljevo 3 and extension of Substations Kragujevac 2 and Kraljevo 3</b></p> <p>PIU Consulting services for implementation of the transmission network development project. The services include project preparation and implementation stage.</p>	Serbia	<p>Services:</p> <ul style="list-style-type: none"> <li>Assistance in project management;</li> <li>Review of design documents;</li> <li>Preparation of PQ documents and participation in the PQ process;</li> <li>Preparation of tender documents;</li> <li>Participation in the tendering process including evaluation;</li> <li>Contractor's design review and review of other technical documentation;</li> <li>Supervision of works;</li> <li>Project reporting;</li> </ul>	Consortium with AF Consult, Switzerland Ltd.	10.2018 - present	Elektromreža Srbije (EMS), Serbia	<i>Project financed by KfW Bank</i>
17	<p><b>Underground Cable 110kV SS Belgrade 3 - SS Belgrade 6</b>, length approx. 5km in the Belgrade city centre;</p>	Serbia	<p>Services:</p> <ul style="list-style-type: none"> <li>Conceptual design with route of line study</li> <li>Cable type selection study</li> <li>Feasibility study with preliminary design</li> <li>EIA study with EMF measurements</li> <li>Geotechnical study</li> <li>Crossing studies</li> <li>Design for construction permit</li> <li>Design for construction</li> </ul>	N/A	10.2016 – 12.2019	Elektromreža Srbije (EMS), Serbia	
18	<p><b>As - built documentation and Reports on operation status of 63 (sixtythree) Overhead Lines (110kV, 220kV and 400kV) in Serbia</b></p>	Serbia	<p>Services:</p> <ul style="list-style-type: none"> <li>Processing of geodetic survey data (LIDAR and ground survey) in PLS - CADD;</li> <li>As - built documentation for portion of overhead lines;</li> <li>Reports on operation status for portion of overhead lines;</li> </ul>	Consortium with: Elektroistok Projektni Biro d.o.o. Serbia, Netinvest d.o.o. Serbia and Vekom Geo d.o.o. Serbia	11.2017 – 12.2019	Elektromreža Srbije (EMS), Serbia	

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19	<b>Design services for a steel lattice tower type A10+A30-550_5.0 (tension tower) for 380 kV OHL Airolo - Lavorgo</b>	Switzerland	Services <ul style="list-style-type: none"> <li>• Structural analysis of steel lattice tower in PowerLine TOWER software according to EN 50341-1:2012;</li> <li>• Preparation of TOWER model – BAK file;</li> </ul>	N/A	11.2018 – 12.2018	Bouygues E&S EnerTrans d.d., Switzerland	
20	<b>Technical Inspection of works on HV overhead lines (110kV, 220kV and 400kV)</b> Long - term contract for Technical Inspection of overhead lines, according to legislation of Serbia. Finalized and ongoing projects: <ul style="list-style-type: none"> <li>• 2x110kV OHL Beograd 1 - Beograd 20</li> <li>• 2x110kV OHL Beograd 3 - Beograd 20</li> <li>• 2x110kV OHL Beograd 19 - Beograd 20</li> <li>• 400kV OHL Beograd 8 - Pančevo 2, lead - in into SS Beograd 20</li> <li>• 400kV OHL Pančevo 2 - border of Romania</li> <li>• 110kV OHL Majdanpek - Mosna</li> <li>• 400kV and 110kV OHL, lead - in into SS Vranje 4</li> <li>• etc.</li> </ul>	Serbia	Services: <ul style="list-style-type: none"> <li>• Technical inspection, according to legislation of Serbia;</li> <li>• Checking of necessary design documentation, construction logs, certificates and testing documentation;</li> <li>• Checking of compliance of erected material and equipment with tech.documentation;</li> <li>• Checking of quality of works and material</li> </ul>	N/A	2015 and onwards	Elektromreža Srbije (EMS), Serbia	
21	<b>Consulting Services for Implementation of Open Programme Extension of the Transmission Network II, EBRD Components</b> PIU Consulting services for implementation of the transmission network development project, including seven 500kV and 220kV overhead lines, 220kV underground cable lines and reconstruction / upgrade of 500kV and 220kV substations in Georgia. The services include project preparation and implementation stage.	Georgia	Services: <ul style="list-style-type: none"> <li>• Review of conceptual design ;</li> <li>• Participation in the PQ process;</li> <li>• Preparation of Technical Requirements within tender documents (OHL and U/G Cable);</li> <li>• Participation in the tendering process including evaluation;</li> <li>• Contractor's design review and review of other technical documentation;</li> <li>• Supervision of works;</li> <li>• Project reporting;</li> </ul>	AF Consult, Switzerland Ltd.	04.2018 - present	Georgian State Electrosystem JSC (GSE), Tbilisi, Georgia	<i>Project funded by European Bank for Reconstruction and Development (EBRD);</i>  <i>Consultancy services financed by KfW</i>
22	<b>Feasibility Study and Preliminary Design of 225kV OHL Koukoutamba - Balassa (future) - Linsan - Maneah, Guinea (OMVS Project), length approx. 348km</b> PLS - CADD Modelling and OHL Design	Guinea	Services: <ul style="list-style-type: none"> <li>• Conceptual design of OHL, including basic design input data</li> <li>• Assistance in generation and processing of terrain data</li> <li>• Modelling of OHL in PLS - CADD</li> <li>• Initial tower spotting</li> <li>• BoQ for Feasibility Study</li> </ul>	AF Consult, Switzerland Ltd.	10.2017 - 05.2018	Organization for the Development of the Senegal River (OMVS)	

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23	<b>Training courses in electricity distribution and transmission topics in Erbil, Iraq (KRG)</b>  Training courses include 15 training components, including numerous topics in design, operation, maintenance, repair of distribution and transmission lines, planning and design software (PLS - CADD, PSSE), street lighting, pole climbing and rescue, transmission system standards, etc.	Iraq (KRG)	Services: <ul style="list-style-type: none"> <li>Preparation of training material (pre - design and design), subject to Client's approval</li> <li>Presentation of training courses and expert support, including theoretical and practical components;</li> </ul>	Luthardt GmbH, Germany	07.2017 - 05.2018	Republic of Iraq, Kurdistan Regional Government (KRG), Ministry of Electricity	<i>Project funded by Japan International Cooperation Agency - JICA</i>
24	<b>Reconstruction of 110kV OHL No. 102B/1 and 110kV OHL No. 1128/1</b> in Kostolac, Serbia, for purpose of extension of electric power plant dock;	Serbia	Services: <ul style="list-style-type: none"> <li>Conceptual design of OHL</li> <li>Preliminary design of OHL, with details for construction</li> <li>Crossing and other studies</li> <li>Supply of steel tower designs</li> <li>Geology report</li> </ul>	Elektroistok Izgradnja d.o.o.	06.2017 - present	Electric Power Company of Serbia (EPS) - Thermal Power Plant Kostolac	<i>Turn - key contract; E&amp;E is responsible for design part only</i>
25	<b>2x400kV OHL for connection of future Wind Farm „Čibuk“ to the HV grid;</b> total length of the line 10.8 km;	Serbia	Services: <ul style="list-style-type: none"> <li>Design for construction (electrical part);</li> <li>As - built design (electrical part);</li> <li>Internal review of design of towers (6 tower types) - design for construction and workshop drawings;</li> </ul>	N/A	05.2017 - 07.2018	ELNOS BL (turn - key contractor) and IEEE d.o.o., Serbia	
26	<b>110kV OHL and 110kV Switchyard for connection of future Wind Farm „Alibunar“ to the HV grid;</b>	Serbia	Services: <ul style="list-style-type: none"> <li>Overall Project Management Consultancy</li> <li>Engineer role according to the FIDIC Yellow Book;</li> <li>Supervision in line with Serbian legislation;</li> </ul>	N/A	02.2017 – 12.2018	Electrowind S d.o.o., Serbia	
27	Workshop drawings related to 4 tower types (selected parts) for <b>380/132/65 kV OHL Airolo - Mörel, Section Ulrichen - Fiesch</b>	Switzerland	Services: <ul style="list-style-type: none"> <li>Workshop drawings, prepared in Advance Steel software</li> <li>Technical specification of material</li> </ul>	N/A	06.2017 - 07.2018	AF Consult, Switzerland Ltd.	
28	Studies on crossings of OHLs (numerous 110kV, 220kV and 400kV lines) over existing or planned facilities in Serbia.	Serbia	Services: <ul style="list-style-type: none"> <li>Geodetic survey of OHLs and other objects</li> <li>Modelling of OHL sections</li> <li>Specific calculations of EMF and on - site measurements</li> <li>Crossing studies</li> </ul>	N/A	2012 - present	Different Clients; approvals by Elektromreža Srbije (EMS), Serbia	



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29	<b>Review of Detailed Design of 35kV OHL Shuakhevi - Skhalta</b> for Skhalta Hydro Power Project in Georgia (developed by Adjaristsqali Georgia LLC); line length approx. 25 km;	Georgia	Services: <ul style="list-style-type: none"> <li>• Preparation of general templates and procedures;</li> <li>• Review of design data and equipment drawings and datasheets;</li> <li>• Resolution of issues related to different design standards - international standards (BS, IEC) and locally applies standards (GOST and PUE);</li> </ul>	N/A	07.2016 - 02.2017	Adjaristsqali Georgia LLC, Georgia	
30	<b>Thermal Power Plants (TPP) „Nikola Tesla“ - blocks A&amp;B and Kostolac - blocks A&amp;B,</b> Monitoring and control of auxiliary consumption		Services: <ul style="list-style-type: none"> <li>• Participation in data collection process;</li> <li>• Assistance in development of preliminary design (with variants)</li> <li>• Development of basic design.</li> </ul>	Consortium with: Electrotechnical Institute „Nikola Tesla“ a.d, Belgrade	04.2016 - present	Elektroprivreda Srbije (EPS), Serbia	
31	<b>As - built documentation and Reports on operation status of 85 (eightyfive) Overhead Lines</b> (110kV, 220kV and 400kV) in Serbia for Operation Permit application	Serbia	Services: <ul style="list-style-type: none"> <li>• Processing of geodetic survey data (LIDAR and ground survey) in PLS - CADD;</li> <li>• As - built documentation for portion of overhead lines;</li> <li>• Reports on operation status for portion of overhead lines;</li> </ul>	Consortium with: Elektroistok Projektni Biro d.o.o. Serbia and Energoprojekt Entel ad Serbia	02.2016 - 12.2017	Elektromreža Srbije (EMS), Serbia	
32	<b>Connectivity Networks Gap Analysis</b> Assessment of the identified projects of importance for WB6 region (6 countries in the Western Balkans non - EU countries), preparation of project list, based on ENTSO - E methodologies and TYNDPs and up - to date EU and Energy Community project lists (PCI and PECl)	Serbia, Montenegro, BiH, Kosovo*, Albania and Macedonia	Services: <ul style="list-style-type: none"> <li>• Energy (Electricity) Expert / GIS Expert Energy - responsible for identification of projects and coordination of GIS application concept preparation;</li> <li>• Technical Assessment of selected Energy / Electricity projects in the Study Stage;</li> </ul>	Subcontractor to IPF3 Consortium, led by Mott MacDonald	02.2016 - 06.2016	European Union, through Western Balkans Investment Framework, Infrastructure Projects Facility (IPF3)	<i>Project financed by European Commission (WBIF - IPF)</i>



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33	<b>Feasibility Study and Preliminary Design - Feasibility Study - 400 kV OHL SS Bajina Basta - SS Kraljevo 3 (WB9 - SER - ENE - 01)</b>  The project consists of two components: 1) 400kV OHL with Section 1 state broder / Višegrad - SS Požega and Section 2 SS Požega - SS Kraljevo 3i 2) Upgrade of SS 220/110/35kV Požega to 400kV SS 400/220/110/35kV Požega and Equipping of OHL bays in SS Kraljevo 3	Serbia	Services: <ul style="list-style-type: none"> <li>• Project Management</li> <li>• Transmission Construction Expertise (OHL and SS)</li> <li>• 400kV OHL line routing, assessment of alternatives;</li> <li>• Technical Assessment (OHL);</li> <li>• Preliminary Design documents for 400kV OHL as per SRB legislation;</li> <li>• Finalization of ESIA documents as per SRB legislation</li> <li>• Project Implementation Plan</li> </ul>	Subcontractor to IPF3 Consortium, led by Mott MacDonald	07.2015 - 04.2018	European Union, through Western Balkans Investment Framework, Infrastructure Projects Facility (IPF3)  Beneficiary: Elektromreža Srbije, TSO of Serbia	<i>International Financial Institution: KfW</i>
34	<b>110kV OHL Murska Sobota - Mačkovci</b> (length approx. 13km) Design for construction and As - built design (electrical part)	Slovenia	Services: <ul style="list-style-type: none"> <li>• OHL design with preparation of profile drawings, calculations and checking, line schedule</li> <li>• Preparation of As - built design</li> </ul>	Subcontractor to Korona d.d. (Slovenia)	03.2015 - 11.2015	Elektro Maribor, Maribor (Slovenia)	
35	<b>Supervision of construction works on reconstruction of existing 110kV, 220kV and 400kV OHL on crossings of new Highway E - 763, section 3: Obrenovac - Ub:</b> <ul style="list-style-type: none"> <li>• 110kV OHL No.121/2, 121/3</li> <li>• 220kV OHL No. 213/1, 213/2, 204,</li> <li>• 400kV OHL No. 436, 412</li> </ul>	Serbia	Services: <ul style="list-style-type: none"> <li>• Supervising Engineer in accordance with legislation of Serbia;</li> <li>• Supervision of electrical and civil works;</li> <li>• Checking of technical solutions;</li> <li>• Participation in FAT and SAT;</li> <li>• Coordination with the Client and Beneficiary;</li> <li>• Approval of interim and final payment certificates</li> </ul>	N/A	12.2015 - 07.2016	Ministry of Construction, Traffic and Infrastructure  Beneficiary: EP Elektromreža Srbije	
36	<b>2x35kV OHL for lead - in into SS Niš 15 (Doljevac)</b> , length approx. 3.5km	Serbia	Services: <ul style="list-style-type: none"> <li>• Detailed Design - Design for Construction;</li> <li>• Profile survey and selection of the route of line</li> </ul>	N/A	2015 - 2017	Electric Power Company of Serbia (EPS)	
37	<b>35kV OHL Stragari - Bare - Knić (close to Kragujevac), with lead - in into substations and 35kV underground cable sections</b> , length approx. 30km	Serbia	Services: <ul style="list-style-type: none"> <li>• Preliminary Design with preparation of longitudinal profile drawings and tower spotting;</li> <li>• Profile survey and selection of the route of line</li> </ul>	N/A	2015 - 2017	Electric Power Company of Serbia (EPS)	

No	Project Name	Location	Contractual Role and Services of E&E	Affiliate Company	Period of Contract	Employer and Place	Notes
38	<b>2x110kV OHL SS Pančevo 2 - new SS for connection of Wind Park “Bela Anta” (length approx. 10km);</b> Conceptual solutions with study of alternatives, Preliminary and Detailed Design, Expropriation Studies	Pančevo, Serbia	Services (OHL part): <ul style="list-style-type: none"> <li>• Studies of OHL corridors and selection of technical solutions (towers, wires)</li> <li>• 110kV OHL line routing: Preliminary and Alignment Survey of OHL corridors, assessment of alternatives;</li> <li>• Preliminary and Detailed Design documents;</li> <li>• Expropriation Study</li> </ul>	N/A	03.2015 - present (project on hold)	Wellbury Bela Anta d.o.o. Belgrade, Serbia	
39	<b>Feasibility Study and Preliminary Design - Electricity network expansion for the development of RES Energy - (Project No. WB6 - MNE - ENE - 06)</b>  The project consists of the three elements: 1) 110 kV OHL Vilusi - Herceg Novi 2) Phase 1 of SS Brezna (110kV), including lead - in of 110kV OHLs 3) Phase 1 of SS Brezna (400kV), including lead - in of 400kV OHL - link to 400kV OHL Lastva - Čevo	Montenegro	Services (OHL part): <ul style="list-style-type: none"> <li>• 110kV and 400kV OHL line routing: Preliminary and Alignment Survey of OHL corridors, assessment of alternatives;</li> <li>• Technical Assessment (OHL) as per EBRD requirements;</li> <li>• Preparation of Preliminary Design documents for 110kV line and 400kV lead - ins as per MNE legislation;</li> <li>• Project Implementation Plan;</li> </ul>	Subcontractor to IPF3 Consortium, led by Mott MacDonald	05.2015 - 09.2018	European Union, through Western Balkans Investment Framework, Infrastructure Projects Facility (IPF3)  Beneficiary: Crnogorski Elektroprenosni Sistem (CGES), TSO of Montenegro	<i>International Financial Institution: EBRD</i>
40	<b>220 kV OHL Akhaltsikhe - Batumi (Georgia)</b> Consulting services for preparation of Bidding Documents	Tbilisi, Georgia	Services: <ul style="list-style-type: none"> <li>• Review of OHL Design and Bidding Documents</li> <li>• Assistance to the Client in the BD finalization and clarification procedure</li> </ul>	N/A	06.2014 - 01.2015	Georgian State Electrosystem JSC (GSE), Tbilisi, Georgia	<i>Project financed by World Bank</i>
41	<b>Reconstruction of tram railroad infrastructure (rails, traction power network and roads) in Vojvode Stepe Street in the City of Belgrade</b> Construction Supervising Engineer as per FIDIC Red Book (2014)	Belgrade, Serbia	Services: <ul style="list-style-type: none"> <li>• Supervising Engineer team - four key expert positions</li> <li>• Review of Contractor's documentation</li> <li>• Site monitoring of construction, approval of progress plans</li> <li>• Supervision of commissioning and testing</li> </ul>	Consortium with Highway Institute, Belgrade	07.2014 - 07.2015	City of Belgrade, Investment and Habitation Agency	<i>Project financed by EBRD</i>

No	Project Name	Location	Contractual Role and Services of E&E	Affiliate Company	Period of Contract	Employer and Place	Notes
42	<p><b>Preliminary design (PGD) for construction of substations 35/10kV and 35kV overhead transmission lines</b></p> <p>The project includes the following facilities:</p> <ol style="list-style-type: none"> <li>1) Two SS 35/10kV, Bancarevo and Momin kamen;</li> <li>2) Four 35kV OHLs (total length approx. 26km)</li> </ol>	Serbia	<p>Services:</p> <ul style="list-style-type: none"> <li>• Selection and survey of locations and route of line</li> <li>• Preliminary design for construction permit (PGD)</li> </ul>	Consortium with: GSS d.o.o, Belgrade, ABR d.o.o, Niš and Highway Institute, Belgrade	04.2014 - 05.2017	Elektroprivreda Srbije (EPS), PD Jugoistok Niš (ED Niš)	
43	<p><b>110kV OHL SS Jagodina 3 - SS Jagodina 4,</b> length approx. 5km</p> <p>Design of OHL reconstruction - establishment of optical connection by OPGW or SkyWrap wire</p>	Jagodina, Serbia	<p>Services:</p> <ul style="list-style-type: none"> <li>• Update of existing design documents - profile survey, longitudinal profiles;</li> <li>• Comparison study of applicable solutions and proposals for the Client</li> <li>• Detailed design of OHL reconstruction</li> </ul>	N/A	01.2014 - 12.2014	Elektroprivreda Srbije, PD Elektrosrbija Kraljevo, ED Jagodina, Serbia	
44	<p><b>2 x 500 kV OHL Meikhtila - Toungoo in Myanmar</b></p> <p>Consulting services and design of steel lattice towers and foundations</p>	Myanmar	<p>Services:</p> <ul style="list-style-type: none"> <li>• Preparation of technical conditions and specifications</li> <li>• Detailed design with workshop drawings of two types of steel lattice towers and foundations</li> <li>• Consulting services to the Contractor</li> </ul>	Subcontractor to Invest Import International Ltd., Serbia	2013 - 2014	Myanmar Electric Power Enterprise (MEPE), Yangon, Myanmar	
45	<p><b>400 kV Interconnection Serbia - Montenegro - Bosnia and Herzegovina (Energy - WB5 - REG - ENE - 02)</b></p> <p>Feasibility Study, ESIA Study and Technical Design of 400kV Interconnection and Terminal Substations; Total length of lines Length of lines: 85km (SRB), 17km (BIH) and 15km (MNE)</p>	Serbia, Montenegro, BIH	<p>Services:</p> <ul style="list-style-type: none"> <li>• Preliminary Design of 2x400kV interconnection lines</li> <li>• Conceptual Design of terminal substations 400/xkV</li> <li>• Technical report and Project Implementation Plan</li> <li>• ESIA Study</li> </ul>	Subcontractor to WYG International Ltd., UK (Phase 1) COWI A/S, Denmark (Phase 2)	03.2013 - 03.2015	European Union, through Western Balkans Investment Framework, Infrastructure Projects Facility (IPF1)  Beneficiaries: TSOs and ISOs of Serbia, Montenegro and BiH	<i>International Financial Institution: EBRD</i>
46	<p><b>Feasibility Study with Preliminary Design of 220/110kV SS Bistrica,</b> with access road and local road reconstruction</p>	Kokin Brod, Serbia	<p>Services:</p> <ul style="list-style-type: none"> <li>• Feasibility Study per Local Legislation</li> <li>• Preliminary Design (electrical, civil, telecom., geology)</li> </ul>	N/A	2013 - 2014	Elektromreža Srbije (EMS), Serbia	Update and extension of documentation prepared in 2010

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47	33 kV S/C, D/C & Q/C OHT ABA IPP Distribution System (95 km), Nigeria	Aba, Nigeria	Services: <ul style="list-style-type: none"> <li>• Proj. Management</li> <li>• Detailed design</li> <li>• Engineering</li> <li>• Construction Supervision</li> </ul>	Subcontractor to ABB Powerlines, Nigeria	2008 - 2013	Geometric Power Limited (GPL), Abuja, Nigeria	<i>Project co - financed by Diamond Bank, Nigeria</i>
48	Highway E - 70/E - 75, Belgrade Ring Road, Sector 1 - 4, Sector 6, Section Batajnica - Dobanovci and Interchange Dobanovci  <b>Reconstruction of crossing overhead lines 35kV, 110kV, 220kV and 400kV (approx. 15 overhead lines)</b>	Belgrade, Serbia	Services: <ul style="list-style-type: none"> <li>• Preliminary survey for approval of route of lines corridors and preparation of draft ToR's</li> <li>• Preliminary and Detailed Design of lines</li> </ul>	Subcontractor to Highway Institute, Belgrade, Serbia	2011 - 2013	Public Enterprise "Putevi Srbije", Belgrade, Serbia	
49	National Integrated Power Projects, LOT 19 a) <b>330 kV S/C OHL Benin Main - Benin North</b> (12 km) b) <b>330 kV D/C OHL Benin North - Okada</b> (14km)	South Nigeria	Services: <ul style="list-style-type: none"> <li>• Engineering</li> <li>• Detailed design</li> </ul>	Consortium with Steers International, Nigeria	2007 - 2012	National Integrated Power Projects (NIPP), Abuja, Nigeria	
50	<b>Steel Lattice Towers, "Y" shaped, for 400kV OHL, with foundations (3 types)</b>  Detailed Design with Workshop Drawings	Beograd, Serbia	Services: <ul style="list-style-type: none"> <li>• Detailed Design</li> <li>• Workshop Drawings</li> </ul>	N/A	2010 - 2011	Elektromreža Srbije (EMS), Serbia	Technical optimization and extension of design
51	<b>SS 110/10kV "Beograd 23 Autokomanda"</b> , Belgrade, Serbia; Switchgear 110kV in GIS (SF6) technology - Basic Electrical Design and Tender Dossier	Belgrade, Serbia	Services: <ul style="list-style-type: none"> <li>• Feasibility Study,</li> <li>• Preliminary Design,</li> <li>• Tender Dossier,</li> <li>• Fire Protection Study</li> </ul>	N/A	2010 - 2012	Electric Distribution Company of Belgrade (EDB), Belgrade, Serbia	
52	NNPC / MPN Joint Venture Power Project, Project C658  <b>330kV D/C OHL QIT - Ikot Abasi, length approx. 60 km</b>	South of Nigeria	Services: <ul style="list-style-type: none"> <li>• Conceptual Design</li> <li>• Tender Documents for supply and construction works.</li> </ul>	Subcontractor to ILF, Germany  Partnership with: GOPA intec, Germany	2010 - 2011	NNPC / MPN Joint Venture Power Project (JVPP), Nigeria	Overall project comprises several sub - projects, including large scale power plant and infrastructure

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53	Feasibility Studies for Electricity Transmission Cross Border Investments in the Republic of Serbia a) <b>2x400 kV OHL Serbia - Romania</b> and b) <b>SS 220/110 kV Bistrica</b>	Pančevo, Vršac, Kokin Brod, Serbia	Services: • Feasibility Study • EIA study and • Basic design.	Consortium with MVV decon, Germany	2009 - 2010	Elektromreža Srbije (EMS), Serbia Delegation of the EU (DEU), Serbia	Project financed by <i>Delegation of the European Union to the Republic of Serbia (DEU)</i>
54	<b>330kV S/C OHL Lokoja - Obajana</b> (28 km)	South Nigeria	Services: • Detailed design	Consortium with Steers Intl, Nigeria	2009	National Integrated Power Projects (NIPP), Abuja, Nigeria	E&E is the Leading partner of the Consortium
55	<b>400kV OHL Niš 2 - Štip (MK), section 1 and 2 Niš 2 - Border of Macedonia</b> (141 km) Consultant - Supervising Engineer during Construction according to FIDIC (Red Book)	Niš, Leskovac, Vranje, Serbia	Services: • Assistance in preparation of implementation plans, • Consultancy to the Employer on project and site management issues, • Progress assessment and verification, • Site monitoring for construction, • Quality control and • Supervision of commissioning / testing.	Subcontractor to: DECON, Germany	2008 - 2010	Elektromreža Srbije (EMS), Serbia Delegation of the EU (DEU), Serbia	Project financed by Delegation of the European Union to the Republic of Serbia (DEU)
56	<b>330 kV D/C OHL Alaoji - Calabar</b> (150km)	Calabar, Nigeria	Services: • Project Management • Technical specifications and clarifications with manufacturers • Detailed design, including site survey, geotechnical reports • Participation in FATs	Subcontractor to Energovod Nigeria	2003 - 2010	Power Holding Company of Nigeria, Abuja, Nigeria	
57	Implementation of telecommunication system of EPCG, Component 1 - Optical Network (400kV, 220 kV and 110 kV OHL, length approx. 540 km)	Podgorica, Montenegro	Services: • Detailed design • Checking and design for rehabilitation of towers • Tender documents and assistance in evaluation • Supervision of the project implementation	Subcontractor to: KORONA, Ljubljana	2008 - 2009	Electric Power Company of Montenegro (EPCG), Podgorica, Montenegro	Project financed by World Bank

No	Project Name	Location	Contractual Role and Services of E&E	Affiliate Company	Period of Contract	Employer and Place	Notes
58	Power Network System of Belgrade <b>110kV UG Cable SS Belgrade 1 - SS Belgrade 6</b>	Belgrade, Serbia	Services: <ul style="list-style-type: none"> <li>• Basic design of 110/10 kV UG cable, with connection of terminal points by OPGW and terminal equipment</li> <li>• EIA study and soil investigation study</li> </ul>	N/A	2007; 2011	Electric Distribution Company of Belgrade (EDB), Belgrade, Serbia	
59	<b>400kV OHL Niš 2 - Štip (MK), section 2: Leskovac 2 - Border of Macedonia</b> (100 km), with deviations near Vranjska Banja	Leskovac, Vranje, Serbia	Services: <ul style="list-style-type: none"> <li>• Detailed design of OHL</li> <li>• Detailed design of towers</li> <li>• Tender Dossier (Technical Specifications)</li> </ul>	Subcontractor to DECON, Germany:	2007 - 2008	Elektromreža Srbije (EMS), Serbia Delegation of the EC (DEC), Serbia	Project financed by Delegation of the European Commission to the Republic of Serbia (DEC)