



Company Profile of Progress Energy SRL

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1. Company details - vendor's name

Name: Progress Energy SRL

2. General Information

Administrator	Tudor Radilov
Address	Ialoveni, G. Cosbuc str., 25
Telephone	+ 373 693 93 262; +373 797 333 16
e-mail	tudor.radilov@progressenergy.md
Year established	06.08.2015
Type of organization	Limited Liability Company
D-U-N-S number	535255965
UEI	QCWZUBQV31G8
ISO certificates	SR EN ISO 9001:2015, SR EN ISO 14001:2015, SR EN ISO 45001:2018, ISO 50001:2018
Type of business	Design and Consulting Company; Relay protection and automation panels assembling and commissioning; Retailer
Summary of main business activities	An enterprise working in the field of power engineering to deliver smart electrical solutions. The company provides service, with the commitment to grow in the following areas: the design of electric power transmission and distribution substations, power grid connecting systems of solar panels, wind turbines and gensets, electrical grid design, consulting services in accordance with the procurement procedures of International Financial Institutions (IFIs) and researches covering energy policies, the development of power systems and networks, grid compliance studies, due diligence for renewables integration into the power grid, as well as relay protection and automation panels assembly.
No. of employees	Eleven
Specialized software used for consultancy and design	Electrical Transient Analyzer Program (ETAP), EPLAN Propanel, DIgSILENT PowerFactory, DIGSI
In-house working languages	Romanian, English, Russian

3. Prior experience in contracts financed by IFIs for the last period

Year	List of valuable contracts
Design works	
2016	<p>Power supply system design works under the District Heating Efficiency Improvement Project (DHEIP) implemented with the World Bank financial support (40.5 mil USD) on the contracts:</p> <ul style="list-style-type: none"> Reference made to ICB 8451 – C1.1: “Procurement of Plant Design, Supply and Installation of Interconnection Pipes and Pumping Station between CHP-1 and CHP-2 circuits”; Reference made to ICB 8451– C1.2: “Replacement of pumps, motors, VSDs in PS-8, PS-12, PS-13 for DH Chisinau”.
2018	<p>Design of primary electrotechnical solutions, relay protection and automation (RPA) secondary circuits, electrical energy metering and EMS SCADA systems to increase the installed capacity of CHP “CET-Nord” by means of gensets, implemented with the EBRD financial support.</p> <ul style="list-style-type: none"> Reference made to IFB 8483: “Supply and Installation of Gas Engines”.
2019	<p>Design of relay protection and automation secondary circuits related to MV switchgear of pumping stations and HOBs No. 1, 3, 5, 6, 7, 8 from District Heating in Kharkiv, Ukraine.</p> <ul style="list-style-type: none"> Reference made to IFB UDHEEP-KHTM-ICB-11: “Modernization of Pump Stations and Boiler Houses with Reconstruction of Distribution Facilities 6 kV, Replacement of Pumpsets and Installation of Frequency Converters for Electric Motors of Pumps in the City of Kharkiv”. <p>The solution is totally based on Siemens products (MV bays, IEDs (SIPROTEC 4 and SIPROTEC 5), MV variable frequency drive).</p>
2022	<p>Design of the relay protection and automation panels (110/10 kV power transformer protection panels, 35 kV Incoming Bay protection panel, 35 kV OHL protection panel, Substation Central Alarm panel etc.) for the substations 110/35/10 kV – Floresti and Cioropcani that are in the property of the TSO Moldelectrica SE under the Contract 5CR-E Medium Voltage Switchgear.</p> <ul style="list-style-type: none"> Reference made to 8841-IFT-42856 “SE Moldelectrica Transmission Network Rehabilitation Project”. The project was implemented with the EBRD and EIB financial support (≈40 mil. EUR). <p>The solution was totally based on Siemens products (Siprotec 5 IEDs).</p>
2022	<p>Design of the relay protection and automation compartment related to the MV switchgear at 110/10 kV SS Otaci that is in the property of the TSO Moldelectrica SE under the Contract 5CR-E Medium Voltage Switchgear.</p> <ul style="list-style-type: none"> Reference made to 8841-IFT-42856 “SE Moldelectrica Transmission Network Rehabilitation Project”. The project was implemented with the EBRD and EIB financial support (≈40 mil. EUR). <p>The solution was totally based on Siemens products (Siprotec 5 IEDs).</p>

2022	<p>Design of the relay protection and automation compartment related to the MV switchgear and 110/10 kV power transformer protection panel, SS Central Alarm panel, SS Control panel at 110/10 kV SS Balti Centru that is in the property of the TSO Moldelectrica SE under the Contract 5CR-E Medium Voltage Switchgear.</p> <ul style="list-style-type: none"> Reference made to 8841-IFT-42856 “SE Moldelectrica Transmission Network Rehabilitation Project”. The project was implemented with the EBRD and EIB financial support (≈40 mil. EUR).
2023	<p>Prepared Moldova RES Integration Study Public Outreach Digest and performed the translation of META Moldova Renewable Energy Integration Study Report from English into Romanian for the TSO Moldelectrica SE.</p> <ul style="list-style-type: none"> Reference made to the subagreement between The United States Energy Association, Inc (USEA) and Progress Energy SRL.
2024	<p>Design of PMU and server panels for the ”Procurement and Installation Wide Area Management System (WAMS)” project under the Master Services Agreement with GE Digital LLC.</p> <ul style="list-style-type: none"> Reference made to RFP-MESA-2023-009. The purpose of this RFP is to procure and install a Wide Area Management System (WAMS) for the Moldovan transmission system operator, SE Moldelectrica. The project is being implemented under The Moldova Energy Security Activity (MESA), funded by United States Agency for International Development (USAID) and implemented by Tetra Tech ES.
Consulting services	
2019-2021	<p>Consulting services for rehabilitation of 49 transmission substations (1x 400 kV, 2x 330 kV, 46x 110 kV) and 5 transmission lines (110 kV) for Transmission System Operator, SE “Moldelectrica” implemented with the EBRD and EIB financial support. The consulting services were carried out based on a subcontract with “Lahmeyer International” GmbH, rebranded in “Tractebel Engineering” GmbH.</p> <ul style="list-style-type: none"> Reference made to 8841-IFT-42856 “SE Moldelectrica Transmission Network Rehabilitation Project”. The project was implemented with the EBRD and EIB financial support (40 mil. EUR). <p>The services included tender documents preparation, procurement for the supply, installation and commissioning of the equipment, supervision of the installation and commissioning works related to primary equipment as well as to relay protection and automation systems.</p>
2019-2020	<p>Consultancy services to achieve Synchronization of the complete WAPP Network (West African countries) under WAPP Integration and Technical Assistance Project, implemented with the World Bank financial support.</p> <p>The Consultancy services were carried out based on a subcontract signed with “Tractebel Engineering” GmbH. The services covered the review and approval of Contractor’s detailed design documents, drawings and calculation sheets, as well as technical specifications related to 30MVAR SVC installed at 220/30kV SS Matam in Senegal. Also review and approval of as-built drawings and assistance in progress reporting related to SVC were provided.</p>
2022 - 2023	<p>Consultancy Services of Technical Supervision of design and construction of a new 400 kV Vulcanesti-Chisinau Single-Circuit Overhead Transmission Line and extension and upgrade of two (2) Substations.</p>

	The consultancy services have been performed on the basis of a subcontract signed with Power Grid Corporation of India Limited. The consulting services (“the Services”) include the provision, to the Client (MEPIU) and the State Enterprise Moldelectrica (Beneficiary), of support in the administration and supervision of the Plant Design, Supply and Installation Contracts on the construction of a new 400 kV Vulcanesti-Chisinau overhead transmission line, upgrade of 330 kV Chisinau Substation and extension of 400 kV Vulcanesti Substation, as well during the defect liability period, with due diligence, to carry out the duties assigned to him in the Contract.
2025	Design works related to 400/110/35/10 kV Vulcanesti substation extension for the contract Nr. 6380-A3.1 ”Extension of 400 kV Vulcănești Substation” under the ProjectP160829/6380-MD „Power System Development Project (PSDP)”.
Installation/ Commissioning works	
2019	<p>Secondary circuits installation, control and protective intelligent electronic devices (IEDs) parameterization under MV switchgear commissioning works related to the power supply of boiler feed pump (3,2MW) at CHP-2 “Sursa 1” of JSV “Termoelectrica”. The works were performed under the District Heating Efficiency Improvement Project (DHEIP) implemented with the World Bank financial support.</p> <ul style="list-style-type: none"> Reference made to ICB 8451 – C1.12 “Procurement of Plant Design, Supply and Installation of: Technological upgrade of Pumping Systems using VSD in CHP-2 and HOB West (“the Facilities”)”.
2020	<p>Commissioning works related to MV switchgear and MV variable frequency drives (VFD) installed at pumping stations and HOBs No. 1, 3, 5, 6, 7, 8 from District Heating in Kharkiv, Ukraine. The works covered the primary equipment commissioning as well as the checking of secondary circuits, IEDs and VFD parameterization related to relay protection and automation of the MV switchgear and frequency converters to ensure the power supply of the pumping stations.</p> <ul style="list-style-type: none"> Reference made to IFB UDHEEP-KHTM-ICB-11: “Modernization of Pump Stations and Boiler Houses with Reconstruction of Distribution Facilities 6 kV, Replacement of Pumpsets and Installation of Frequency Converters for Electric Motors of Pumps in the City of Kharkiv”. <p>The solution is totally based on Siemens products (MV bays, IEDs (SIPROTEC 4 and SIPROTEC 5), MV variable frequency drive).</p>
2022	<p>Protection and automation panels assembling (110/10 kV power transformer protection panels, 35 kV Incoming Bay protection panel, 35 kV OHL protection panel, Substation Central Alarm panel etc.) for the substations 110/35/10 kV – Floresti and Cioropcani that are in the property of TSO Moldelectrica SE under the Contract 5CR-E Medium Voltage Switchgear.</p> <ul style="list-style-type: none"> Reference made to 8841-IFT-42856 “SE Moldelectrica Transmission Network Rehabilitation Project”. The project was implemented with the EBRD and EIB financial support (40 mil. EUR).
2022	Installation of the secondary circuits related to the relay protection and automation compartment of the MV switchgear at 110/10 kV SS Otaci that is in the property of TSO Moldelectrica SE under the Contract 5CR-E Medium Voltage Switchgear.

	Reference made to 8841-IFT-42856 “SE Moldelectrica Transmission Network Rehabilitation Project”. The project was implemented with the EBRD and EIB financial support (40 mil. EUR).
2024	Assembling, installation and commissioning of PMU and server panels for the “Procurement and Installation Wide Area Management System (WAMS)” project under the Master Services Agreement with GE Digital LLC. <ul style="list-style-type: none"> Reference made to RFP-MESA-2023-009. The purpose of this RFP is to procure and install a Wide Area Management System (WAMS) for the Moldovan transmission system operator, SE Moldelectrica. The project is being implemented under The Moldova Energy Security Activity (MESA), funded by United States Agency for International Development (USAID) and implemented by Tetra Tech ES.
2025	Design and assembly of Relay protection and automation panels related to the 400 kV OHL Vulcanesti-Chisinau bay at Vulcanesti substation under the Project P160829/6380-MD „Power System Development Project (PSDP)”.
2025-ongoing	SAT and commissioning of Relay protection and automation panels related to the 400 kV OHL Vulcanesti-Chisinau bay at Vulcanesti substation under the Project P160829/6380-MD „Power System Development Project (PSDP)”.
2025-ongoing	Design and assembly of Relay protection and automation panels related to the extension of 330/110/35 kV Chisinau substation under the Project P160829/6380-MD „Power System Development Project (PSDP)”. The Project covers the new 400 kV bays equipment, as well as the 330 kV side.

4. Prior experience in other contracts

Year	List of valuable contracts
Design works	
2017	Electrical grid design/research works under the Contract No. 125/01-2017 “Electric Transmission Network Development Plan for the period 2018-2027” for the Transmission System Operator in the Republic of Moldova, SE “Moldelectrica”.
2020	Design of electrotechnical solutions, relay protection and automation, electrical energy metering and EMS SCADA systems related to 110/10kV “Giurgiulesti” substation extension, caused by the necessity to install the second power transformer 2T. The substation belongs to Giurgiulesti International Free Port.
2021	Design of the relay protection and automation compartment related to the MV switchgear at 110/10 kV SS Botanica that is in the property of the ODS FIE “Premier Energy Distribution” JSV.
2021	Design of the automation system of the artesian wells’ technological processes and its integration into SCADA of the existing dispatch center from Drochia city.
2022	AC auxiliary distribution panels design for the 110/35/10 SS Floresti, 110/35/10 SS Ungheni, 110/35/10 SS Glodeni that are in the property of TSO Moldelectrica SE.
2023	RPA panel design of the 110/35/10 kV power transformer and the 35 kV incoming bay at the 110/35/10 kV SS Cornesti that belongs to the TSO Moldelectrica SE:

2023	Design of electrotechnical solutions, relay protection and automation secondary circuits of the 6 and 10 kV switchgear under reconstruction at 110/10-6 kV SS Lafarge that is in the property of "Lafarge Ciment (Moldova)" JSV, a member of Holcim Group.
2023	AC auxiliary distribution panel design for the 110/35/10 SS 110/10-6 kV SS Lafarge that is in the property of "Lafarge Ciment (Moldova)" JSV, a member of Holcim Group.
2024	AC auxiliary distribution panel design for the 400/110/35 kV SS Vulcanesti, that is in the property of TSO Moldelectrica SE.
2024 - 2025	Design of 50 MW solar power plant for "GS Blue Electric" SRL, including interface 30/110 kV substation with National TSO SE Moldelectrica.
2024 - 2025	Design of 40 MW solar power plant for "Lumina Noastra" SRL, including interface 30/110 kV substation with National TSO SE Moldelectrica.
2025	Design of 35 MW wind power plant "Cioburciu 1C" for "New Wind Energy" SRL, including interface 30/110 kV substation and 110 kV OHL with National TSO SE Moldelectrica.
2025	Design of 40,5MW wind power plant "Cioburciu 1D" for "Elteprod Invest" SRL, including interface 30/110 kV substation and 110 kV cable line with National TSO SE Moldelectrica.
2025-ongoing	Development of Grid compliance study of 40 MW solar power plant in accordance with the Grid Code requirements and General Applicability Requirements issued by Energy Regulatory Agency (ANRE), by means of DIGSILENT PowerFactory software.
2025-ongoing	Design of 30 MW installed power of a battery energy storage system (BESS) with the capacity of 60MWh for "GS Blue Electric" SRL in Straseni district, Radeni village.
2025-ongoing	Design of 43MW wind power plant "Cioburciu 1D" for "Nanowind" SRL, including interface 30/110 kV substation and 110 kV cable line with National TSO SE Moldelectrica.
2025-ongoing	Design of 30 MW installed power of a battery energy storage system (BESS) with the capacity of 60MWh for "Lumina Noastra" SRL in Criuleni district, Negureni village.
Installation/ Commissioning works	
2021	Assembling, installation and commissioning of the Differential Phase Comparison protection panels of the 110 kV OHTLs Bolgrad-1, Bolgrad-2, Bolgrad-3 at 400/110/35/10 kV SS Vulcănești that belongs to TSO Moldelectrica SE.
2021	Commissioning works of RPA system of 10 kV switchgear related to 2MW genset of JSC "Zernoff".
2022	Installation of the secondary circuits related to the relay protection and automation compartment of the MV switchgear at 110/10 kV SS Botanica that is in the property of the DSO FIE "Premier Energy Distribution" JSV.

2023	Installation of the secondary circuits related to the relay protection and automation compartment of the MV (6 and 10 kV) switchgear at 110/10-6 kV SS Lafarge that is in the property of "Lafarge Ciment (Moldova)" JSV, a member of Holcim Group.
2023	Assembling works related to the RPA panel of the 110/35/10 kV power transformer and the 35 kV incoming bay at the 110/35/10 kV SS Cornesti that belongs to the TSO Moldelectrica SE.
2023	Assembling works of AC auxiliary distribution panels design for the 110/35/10 kV SS Floresti, 110/35/10 kV SS Ungheni, 110/35/10 kV SS Glodeni that are in the property of TSO Moldelectrica SE.
2023	Assembling works of AC auxiliary distribution panel design for the 110/10-6 kV SS Lafarge that is in the property of "Lafarge Ciment (Moldova)" JSV, a member of Holcim Group.
2024	Assembling works of AC auxiliary distribution panel for the 400/110/35 kV SS Vulcanesti, that is in the property of TSO Moldelectrica SE.
2024	<p>Assembling works of Relay protection and automation panels (equipment from Siemens) for 110/10 kV SS Otaci, that is in the property of TSO Moldelectrica SE:</p> <ul style="list-style-type: none"> - 2 x Power transformer protection panels; - 3 x 110 kV OHL protection panels; - 1 x 110 kV Busbar protection panel; - 1 x 110 kV Bus coupling CB panel; - 1 x AVR panel; - 1 x Central alarm panel; - 1 x 110 kV VT panel; - 1 x Interlockings panel; - 1 x DC power supply distribution panel; - 1 x Substation PC panel; - 1 x 110 kV Energy metering panel; - 2 x 10 kV Energy metering panels.
2024	<p>Assembling works of Relay protection and automation panels (equipment from Siemens) for 110/35/10 kV SS Causeni, that is in the property of TSO Moldelectrica SE:</p> <ul style="list-style-type: none"> - 2 x Power transformer protection panels; - 3 x 110 kV OHL protection panels; - 1 x 110 kV Busbar protection panel; - 1 x 110 kV Bus coupling CB panel; - 1 x 110 kV Bypas CB panel; - 1 x AVR panel; - 1 x Central alarm panel; - 1 x 110 kV VT panel; - 1 x Interlockings panel; - 1 x DC power supply distribution panel;

	<ul style="list-style-type: none"> - 1 x Substation PC panel; - 2 x 35 kV Incoming panels; - 2 x 35 kV OHL panels; - 1 x 35 kV Buscoupling CB panel; - 1 x 35 kV VT panel; - 1 x 110 kV Energy metering panel; - 1 x 35 kV Energy metering panels.
2024-ongoing	Delivery of primary HV equipment and MV switchgear, as well as relay protection and automation solutions for 110 kV substation related to 40 MW PV plant Negurenii. The contract also covers all commissioning and SAT works.
2024-2025	Delivery of primary HV equipment and MV switchgear, as well as relay protection and automation solutions for 110 kV substation related to 50 MW PV plant Radeni. The contract also covers all commissioning and SAT works.
2024-2025	Assembly works of relay protection cabinets, installation, parameterization of IEDs, as well as commissioning works for National TSO SE "Moldovă" within the tender "Protection and automation of the bays 110BO, 110BIII, 110B1AT and 35B1AT, 110B2AT and 35B2AT with installation and commissioning works at SS Vulcănești 400/110/35/10 kV".

5. Contract disputes

“Progress Energy” SRL has been involved in no contract disputes since its foundation.

6. Partners

“Progress Energy” SRL is the local partner of “Tractebel Engineering” GmbH (now is Lahmeyer International GmbH) to provide consultancy services in the field of power engineering that covers power plant technology, transmission and distribution of energy, electrical engineering, wind energy and renewable energies.

An association agreement has been signed with Power Grid Corporation of India Limited for consultancy services to be provided in the power sector of Republic of Moldova.

Power Grid Corporation of India Limited (POWERGRID), is a Schedule ‘A’, ‘Maharatna’ Public Sector Enterprise of Govt. of India which was incorporated on 23rd Oct 1989 under the Company Act, 1956. POWERGRID is a listed Company, with 51.34% holding of Government of India and the balance is held by Institutional Investors and public. POWERGRID is the largest Electric Power Transmission Utility in India. Consistently rated “Excellent” under Memorandum of Understanding with Ministry of Power since 1993-94.

One of the main directions of the company is represented by consultancy services in the power sector that is transmission related consultancy to more than 150 domestic clients, while global footprint is in 21 countries catering more than 25 clients.



”Progress Energy” SRL became Siemens Solution Partner under grid + Partner Program of the Siemens Electrification and Automation Business Unit for SIPROTEC, SICAM and REYROLLE products.

7. Conflict of interest

Neither circumstances nor contracts in place that may introduce any conflict of interest with any parties have existed since the company was founded.