



COMPLEX ENERGY
PROJECTS



VOLTAGE

THE ONLY ENERGY TEAM YOU NEED

Vinnytsia | Kyiv | Warsaw



Who we are

VOLTAGE Group is an international engineering and construction company delivering turnkey solutions for energy infrastructure and renewable energy projects.

We operate across the EU with offices in Ukraine and Poland.

We design and build:

- Transformer substations and power lines (up to 330 kV)
- Battery Energy Storage Systems (BESS) for industrial and commercial consumers
- Solar, wind, and cogeneration plants

We serve investors, developers, financial and municipal institutions seeking energy independence, efficiency and resilience.



VOLTAGE Group – Your Partner in Energy Solutions



VOLTAGE Group is a trusted EPC contractor with an established presence in Ukraine and Poland, specializing in turnkey solutions for complex energy projects across the EU.

We manage the entire project lifecycle — from feasibility studies and engineering to construction, grid connection, and O&M, ensuring consistent quality control across all project stages.

With proven experience, strong technology partnerships, and deep market expertise, we provide reliable, efficient, and future-ready solutions for Europe’s energy transition.

VOLTAGE

in numbers



200+

MW of Solar Power Plants (SPP) completed as EPC



500+

MW of SPPs Designed



3+ billion

UAH, investment value of implemented projects



60 million

UAH, annual savings due to SPPs for own business needs



600+ million

kWh generated by the constructed SPPs



4+ million

meters of cable installed



120+

Power substations installed



150+

Satisfied Clients

Energy Storage Systems

Design • Integration • Commissioning



VOLTAGE delivers turnkey battery energy storage solutions tailored to industrial, commercial, grid-scale projects. Our solutions ensure energy self-sufficiency, peak load management, and smooth integration with renewable generation and grid infrastructure.

Our expertise includes:

Feasibility & Grid Connection

- Assessment of load profile and demand shift potential
- Technical & economic modelling
- Grid code compliance and interconnection design

System Engineering & Procurement

- Sizing and configuration of BESS (1–100+ MWh)
- Selection of Tier 1 battery, PCS, and EMS providers
- Procurement, logistics, and certification

Construction & Commissioning

- Civil and electrical works
- SCADA & EMS integration
- Safety systems, testing, and grid synchronisation

Maintenance & Operation Support

- Remote diagnostics and performance analytics
- Warranty support and post-commissioning services



Transformer Substations

Design & Construction



0,4-330 kV

Transformer substations are critical for voltage conversion and power distribution. To reduce energy losses during long-distance transmission, AC voltage is increased before transmission and reduced again for local consumption.

We design and build transformer substations for all types of consumers — from residential complexes and factories to traction substations and renewable energy facilities.

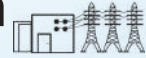


Our Expertise Includes:

- Technical support during initial documentation review and design kick-off
- Selection and supply of equipment based on project-specific parameters
- Development and approval of design documentation with grid operators and regulatory authorities
- Construction and installation works compliant with safety and grid standards
- Electrical testing and measurements with full certification
- Balancing and commissioning of substations
- Operation & Maintenance (O&M) services for long-term reliability



Industrial Power Supply & Grid Integration



Full-Cycle Design & Construction

0,4-330 kV

VOLTAGE provides end-to-end power infrastructure solutions — from internal industrial networks to external grid connections. Our projects ensure reliability, cost efficiency, and future-proof integration with BESS and renewable energy systems.

Our Services:

Technical & Economic Feasibility

- Power needs assessment and cost modeling
- Concept development and load profiling

Internal Power Systems (LV/MV)

- Audit of existing infrastructure
- Engineering design and optimization
- Power distribution boards, automation & control
- Implementation and commissioning

External Power Networks (0.4–330 kV)

- Grid connection design for industrial/municipal clients
- Compliance with EU and national standards
- Regulatory approvals and permitting
- Cable and overhead line construction
- Utility interface coordination

Certified according to ISO 9001:2015



Industrial Automation Solutions



0,4-330 kV

At VOLTAGE Group, we deliver complete industrial automation solutions — from system design and in-house equipment production to installation, commissioning, and long-term maintenance. Our dual expertise ensures fully tailored, innovative, and scalable solutions for your business.



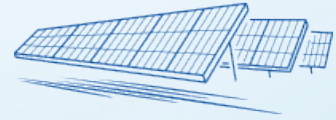
Key Benefits of Industrial Automation:

- **Increased Productivity**
Streamlined operations and higher production volumes
- **Cost Reduction**
Lower operational expenses and energy costs
- **Improved Product Quality**
Precise and consistent process control
- **Efficient Resource Management**
Time, materials, and energy optimization
- **Reduced Downtime and Failures**
Reliable systems that ensure uninterrupted operations
- **Competitive Advantage**
Accelerated operations, stronger positioning, more effective results



Solar Power Plants

For Industrial Facilities & Utility-Scale Projects



VOLTAGE delivers customized energy infrastructure solutions — from rooftop solar systems to large-scale ground-mounted PV plants with BESS. Our EPC approach ensures energy independence, cost reduction, and grid resilience.

- **Land & Rooftop Selection**
Technical and legal assessment for optimal PV deployment
- **Feasibility Study Development**
Detailed technical, financial, and regulatory feasibility analysis
- **System Design Development**
Engineering design tailored to consumption profile
- **Procurement of Equipment & Materials**
Sourcing of Tier 1 components and logistics management
- **Construction and Installation**
Efficient, safe, and fully compliant on-site implementation
- **Commissioning and Start-Up**
Final testing, grid connection, and full system activation
- **Operation & Maintenance (O&M)**
Performance monitoring and proactive maintenance
- **Energy Storage System Integration**
BESS deployment for peak load management and reliable backup power



Renewable Energy Project Development

Wind and Solar Power Plants

At VOLTAGE, we deliver turnkey solutions for renewable energy projects — from concept to commissioning and long-term support. With over 15+ years of proven expertise, we guarantee maximum efficiency, predictable timelines, and strong ROI for each project.

We prioritize transparency and risk management to guarantee measurable results and investor confidence.

- **Feasibility Studies**
Technical and financial analysis to confirm project viability
- **Project Development & Legal Support**
Permitting, grid connection, land and legal due diligence
- **Engineering, Procurement & Construction (EPC)**
From detailed design to on-site implementation
- **Energy Storage Integration**
Battery and hybrid systems tailored to each facility's needs
- **Operation & Maintenance (O&M)**
Real-time monitoring, performance optimization, service 24/7



Benefits Of Investing With VOLTAGE

At VOLTAGE, we transform ideas into efficient, high-performing energy solutions — with expert support from day one. From idea to launch — we guide you through every stage, reducing risks and ensuring success.

Key Advantages:

- **Professional Project Support**
Expertise at every stage — from concept to launch — including identification and mitigation of technical and financial risks
- **Efficient Use of Investments**
Reduced capital expenditures and improved efficiency through technically sound solutions
- **Predictable Cash Flow**
Project implementation aligned with the financial plan. Transparent planning and cost control
- **On-Time Implementation**
Clear execution schedule.
On-time power plant launch
- **Automation & Stability**
Reduced reliance on human factors.
Intelligent control and monitoring systems
- **Reliable Service & Maintenance**
Regular maintenance and 24/7 technical support for uninterrupted power plant operation



Why Clients Choose VOLTAGE Group

VOLTAGE Group is a trusted partner delivering engineering and construction solutions for energy infrastructure. We deliver integrated solutions in renewable energy, industrial and municipal infrastructure, and power grid modernization.

Our team provides full-cycle implementation — from concept to operation — ensuring technical consistency, clear communication, and long-term value.



Why Partners Trust Us:

- **Turnkey approach**
From concept and permitting to commissioning and beyond
- **In-house engineering, production & service**
Complete vertical integration: design, construction, and maintenance
- **Proven experience in critical infrastructure**
Projects in energy, manufacturing, municipal & industrial sectors
- **Advanced digitalization**
Smart monitoring, SCADA integration, predictive O&M
- **Reliability & responsibility**
High quality, effective risk control, and precision at every stage



With offices in Ukraine and Poland,
we deliver energy projects across
the European Union in full
compliance with all regulations

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ALL PROJECTS IN THE EU