From concept to implementation
WHO WE ARE

About us

LLC Chornomorenergospetsmontazh (CHESM) is a European EPC contractor (engineering, procurement and construction) specialized in development of electric power systems.

We are fully capable of completing the entire electric grid, including generators, transmission system and distribution system.

We deliver turnkey solutions to our clients, starting with design and concluding with putting into operation. Our services also include repairs, reconstructions, maintenance and commissioning.

In the last five years, we have successfully completed more than 400 projects in six different countries. CHESM can handle any project no matter how challenging a project is and how remote its location on a map.

We will never settle for the status quo.
We will ALWAYS drive as hard as humanly possible, in as many simultaneous directions as necessary, and as far as necessary, as long as we can identify things to achieve that we have not yet achieved.

chesm.org
WHY US

CHESM offers a unique blend of expertise, quality and cost-effectiveness.

Expertise

CHESM is an expert in development of electric grids. We have successfully carried out construction and installation of thermal, gas turbine, wind and solar power plants, substations and transmission lines of all voltage levels in various types of terrains.

We are a one-stop-shop with a proven track record of completion of entire projects on our own. Our clients do not need to hire more than one company for the job.

Our headquarters is in Odessa and we have made significant contribution to the energy infrastructure of Ukraine. Our expertise makes us the market leader in our home country, but we are also actively expanding our operations in numerous international markets.

Cost Effectiveness

CHESM has a vertically integrated business model that allows us to engage in all construction stages: design, logistics, production, construction, testing and commissioning. This enables us to make quick decisions and changes in the best interest of our clients. Vertical integration also gives us a chance to minimize project costing.

Our track record testifies that CHESM finishes its projects in time and within budget. We are also a financially stable company, with asset-heavy balance sheet and without any debts.

We are capable of in-house production and repairing of equipment, which gives us a considerable cost advantage.

Quality

CHESM is passionate about quality and we are fiercely proud of our track record and of every single project we have completed so far. Our main strength comes from 70 exceptionally skilled and trained engineers, who together have more than 1,000 years of experience of running complex projects.

We use only top of the line equipment. Our equipment partners include the biggest industry names such as: ABB, Siemens, Prysmian, Alstom, Crompton Greaves, Trench, GE.

Continuously since 2009, CHESM has been certified by Bureau Veritas for:

- quality management (ISO 9001:2008)
- environmental management (ISO 14001:2004)
- occupational health and safety management (OHSAS 18001:2007)
OUR EPC APPROACH

Engineering
CHESM has more than 14 years of domestic and international expertise when it comes to electric engineering. We have designed more than 1000 km of overhead transmission lines (750 kV, 330 kV, and 110 kV) and more than 70 high voltage substations.
Our team is able to provide detailed engineering design for specialized equipment. The solutions are tailored in order to minimize issues of outages and equipment incompatibility.

Procurement and production
Through strategic partnerships with the world’s finest equipment manufacturers, we deliver solutions for overhead transmission lines and electric substations for all voltage levels, regardless of the type or equipment. Our in-house production includes modular substation systems, relay panels, distribution enclosures, steelwork and metal structures.

Construction
We own a diverse range of specialized equipment, including motor cars, truck cranes, excavators, drilling machines, transmission tower carriers, mobile electrotechnical laboratories, equipment for air and ground cabling, trawl with carrying capacity of 300 tons etc.
CHESM also operates a metal production facility, an electric laboratory and a transformer service department. In house production enables us to produce metal constructions of any complexity.
Our lab is used for commissioning and adjustment of microprocessor relay protection and all types of high voltage tests. The service department performs major repairs and reconstruction of power transformers and rigging.

Facts & Figures

| 75+  | high voltage substations |
| 1000+ | km of HV overhead lines |
| 300+  | km of HV cable lines |
| 350+  | modernization projects |
| 70+   | engineers |
| 500+  | employees |
| 130   | units of truck fleet |
| 1200  | tons of fabricated metals |
SELECTED PROJECTS

Project: Electric grid
Customer: Delta Wilmar (agribusiness company in Kiev, Ukraine)
- Connected oilseeds processing facility to the main grid
- Reconstruction of three substations
- New 42 km long double-circuit power line 10 kV

Project: Substation 110/35/10 “GPP-7”
Customer: Ferrexpo (mining plant in Komsomolsk, Ukraine)
- Construction of new 150/35/6 kV substation
- Construction of power line 150 kV
- Implementation of control systems

Project: 110/10 kV substation “Moskovskaya”
Customer: Kyivenergo (electricity distribution company in Kiev, Ukraine)
- Construction of new 110/10 kV closed-type SS with a power line of 110 kV
- The largest facility of this voltage class built in Kiev in the last 20 years: 16 cells – 110 kV (GIS), 74 cells – 10 kV

Project: Solar power plant connections
Customer: Odessaoblenergo (electricity distribution company in Odessa, Ukraine)
- Design and complete reconstruction of 5 HV substations
- Modernization of electric grid
- Connection to 240 MW solar power stations
SELECTED PROJECTS

Project: Substation 110/35/10 kV “KKZ”  
Customer: MHP (agribusiness company in Kiev, Ukraine)  
- Electric grid for a new poultry farm  
- New 110/35/10 kV substation and new automatic systems for three substations

Project: 110kV power line Bolhrad-Budzhak-Reni  
Customer: Odessaoblenenergo (electricity distribution company in Odessa, Ukraine)  
- New 96 km long power line  
- 1.6 km of the line was laid at the bottom of Lake Cahul

Project: Thermal power plant  
Customer: Zorya-Mashproekt (gas turbines producer in Nikolaev, Ukraine)  
- Commissioning of a gas turbine with a capacity of 110 MW

Project: Overhaul of HV power transformers  
Customer: VS Energy International Ukraine (electricity distribution company in Kiev, Ukraine)  
- Overhaul of more than 200 HV power transformers
POLICY IN THE AREA OF LABOR SAFETY

Our position

Awareness of responsibility to society for the preservation of human life and health, accident and fire prevention are a mandatory condition for achieving the set goals and an integral part of the general company policy in the area of hygiene and labor safety. We put the human life and health higher than the achievement of economic results and view our activities in compliance with hygiene and labor safety norms.

Our goals

- Preventing labor accidents and level of occupational diseases in accordance with the development of technological equipment and technologies.
- Moving towards the improvement of working conditions in workplaces in order to enhance labor safety and create a favorable production environment.
- Complying with regulatory requirements in the field of hygiene and labor safety at all cycles of operation of technological process equipment and production processes, including work on the design, construction, reconstruction, repair and operation of production facilities.

We undertake to ensure

- A possibility of strict observance of working conditions in accordance with regulations in the field of hygiene and labor safety;
- A permanent improvement of the hygiene and labor safety management system by continuous monitoring of performance indicators;
- The process of identification, investigation and prevention of the accident causes and occupational diseases in the production operations by the Company staff and contracting organizations;
- Corresponding education and further training of the Company employees in the field of hygiene and labor safety;
- Conditions for participation of all employees in the activities aimed to ensure safe working conditions;
- Compliance with hygiene and labor safety standards in contracting and related organizations, according to the Company Policy;
- The availability and transparency of information among the Company staff, customers, contracting and related organizations on the Policy in the field of hygiene and labor safety conducted by the Company.
The Company Environmental Activity is aimed at:

- Strict adherence to all environmental protection requirements;
- Rational use of natural resources;
- Reducing anthropogenic impact of the Company production operations on the environment;
- Keeping green space in an appropriate condition;
- Reducing the volume of production waste disposal in the natural environment;
- Improving the environment pollution prevention system.

The Company Ecological Policy is based upon the Following Obligations:

- Complying with the requirements of environmental legislation of Ukraine, as well as regional, sectoral, and other normative documents in the field of environmental protection;
- Maintaining and systematically analyzing the Company Environmental Protection Management System (EPMS) and taking steps to improve it;
- Seeking to reduce specific emissions and discharge of pollutants, as well as specific waste formation indicator.

Our Company management understands its responsibility to the residents of the city, the Company employees, as well as takes care about future generations, by providing a safe environment and improving the quality of life.

The Ecological Policy is conducted with the Help of the Following Steps in the EPMS area:

- Ensuring the accomplishment of annual monitoring research to determine the effect of the Company industrial activity on the condition of objects of the natural environment; carrying out prevention work aimed at reducing the risk of occurrence of emergency situations;
- Maintaining high level of ecological culture at the Company;
- Timely identification and adequate management of all significant ecological aspects to ensure a respective level of environment protection;
- Regularly informing the staff on the significant ecological aspects of the Company activity.
POLICY IN THE AREA OF QUALITY

Our Goal:
Improving the level of the Company financial performance by increasing the number of services (products) that are rendered or provided to the Customer. Achieving high performance results is possible by continuous work aimed to comply with delivery dates, specified amounts, keeping optimal price levels and high quality of services rendered and products supplied according to the Customer's expectations or exceeding them.

Our Principles:
- The Company competitiveness directly depends upon the quality.
- Each Company employee must participate in improving the quality of services (products) rendered or supplied.
- Activation of the creative potential of the employees, support and encouragement of those who suggest new ideas.
- Preventing the emergence of problems instead of fighting the consequences after their appearance.

The Quality Policy is Oriented towards the Customer Requirements and Expectations by:
- Systematic collection of information about the requirements that the Customer has towards the products and analysis of this information about the services (products) offered to the Customer by the Company.
- Developing products, manufacturing and providing services (products) according to the Customers' requirements, legal and normative acts.
- Permanent improvement of the Company operations on the basis of systematic analysis of QMS efficiency and implementation of the best QMS achievements.
- Researching and satisfying the society needs related to the Company operations in general.
- Improving the Company production processes in accordance with the science and technology achievements.
- Systematic and uninterrupted training of managers, specialists and workers involved in the sphere of production.
OUR OFFICES

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