



CHELYABINSK ELECTRIC EQUIPMENT PLANT

Dear Customers,

The Chelyabinsk Electric Equipment Plant is one of the largest switchgear manufacturers for industrial and administrative facilities in the Urals region.

EQUIPMENT RANGE

ELECTRIC EQUIPMENT UP TO 10 kV

- Switchgear of unilateral maintenance, **series 200**;
- Switchgear of unilateral maintenance, **series 300**;
- Switchgear of unilateral maintenance, **customized**;
- Switchgear of unilateral maintenance 313 SF with SF₆ load breaking switch;
- Switchgear of unilateral maintenance "**Omega**";
- Switchgear and control gear **SCG 2-12P**;
- Switchgear and control gear **SCG "Volga"**;
- Stand-alone quarry outdoor switchgear **SQOS (SCG)**;
- High-voltage distribution cabinet **2HVDC-6 (SCG)**;
- Outdoor packaged transformer substations **OPTS**, heated and unheated design, stationary and mobile, **up to 2500 kVA**;
- Indoor packaged transformer substations **IPTS**, **up to 2500 kVA**;
- Modular packaged consumer power supply switchgear and control gear for oil (gas) field well pads with automatic load transfer **MSCG "Irtyash"**;
- **SG-215** (recloser);
- Switchgear and control gear in modular construction building – **MSCG-VK-UHL**;
- Closed switchgear **CSG**;
- High-voltage bushing cabinets **HVBC**;
- Revenue metering points **RMP**.

ELECTRIC EQUIPMENT UP TO 1000 V

- Switchboard panels **SHO-70**;
- Low-voltage switchgear of modular draw-out type - **MDDL**s;
- Power switchboards **PSB**;
- Distribution points - **DP**;
- Input switching devices **ISD**;
- Low-voltage distribution cabinets - **LVDC**;
- Power factor correction units **PFCU**;
- Low-voltage packages.

THE COMPANY'S MANUFACTURING COMPLEX IS FITTED WITH THE MOST ADVANCED EQUIPMENT:

- Production areas of 6,000 m² enable assembly of more than 1,000 units of equipment per year;

- Laser beam machine BYSTAR 3015 provides high cutting accuracy within geometrical limitations and with minimum metal deformation;



- Sheet bending press BEYELER PR 100x2550 enables precise production of roll-formed sections of composite shapes;



- CNC production centers from the world leading companies (FEELER, TOPPER, TAKISAWA) provide high accuracy and speed of material processing. Thanks to the highly qualified personnel this equipment produces premium quality parts;



- Powder painting line TAISS provides multi-stage surface treatment prior to painting: degreasing, phosphatizing, washing, drying, painting, polymerization. Parts, painted with such technique, preserve excellent coating during their entire service life.



SERVICE

- Retrofitting of SCG, SUM, OPTS;
- Energy audit of electrical installations;
- Electric equipment leasing;
- Electric installation works;
- Field power measurements for reactive power consumption and presence of harmonics;
- Design works.

BUSINESS ACTIVITIES

OUTDOOR ELECTRIC NETWORKS:

- Installation of cable and overhead transmission lines of up to 110 kV inclusively;
- Installation of street lighting systems;
- Installation of on-site power supply networks of up to 0.4 kV;
- Temporary power supply arrangement;
- OSG, CSG installation;
- Electric equipment testing;
- Assembly (disassembly), reconstruction of transformer substations of up to 110 kV inclusively;
- Assembly of packaged (PTS type) modular (MPTS type) transformer substations, switchgear devices.

COMMISSIONING AND ELECTRICAL MEASUREMENTS:

- Testing power and measuring transformers;
- Testing power cable lines of up to 35 kV.

DESIGN WORKS

- Preparation of land plot layout diagram (master plot plan, right-of-way planning for linear structures);
- Development of design solutions;
- Preparation of design for internal heating, ventilation, conditioning, smoke ventilation, heat supply, cold supply, water supply, sewage, lighting systems, electric equipment;
- Preparation of design for external heat supply systems and associated facilities, water supply and sewage systems and their facilities, power supply networks (up to 110 kV inclusively), external low-current networks;
- Development of special sections of design documentation;
- Development of construction organization plans;
- Inspection of structural units of buildings and structures;
- Performing functions of the general designer.

The main advantage of CEEP LLC is possible participation in all stages of construction of power supply network facilities – from manufacturing high-quality electric equipment to commissioning and acceptance by supervisory authorities. Thanks to quality control at any construction stage, the quality of electric installation works is considerably improved.

We are open to our customers and conduct excursions around the plant, demonstrating all production phases.

CEEP LLC is a team of competent professionals.

Further information on products and services can be found at our web site www.chelzeo.ru, or obtained from our sales managers:

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video about the plant: <http://www.youtube.com/watch?v=LwDhwn3Gr0g>