


FACTS LIST

«NEC» – National Energy Company.


Is an association of enterprises that produce innovative Russian products and services for the power engineering and industry.

NEC IN FIGURES


> **130 000** sq m

 total manufacturing space


> **3 000** pers

 number of persons

> **70** mlrd rbls

 total revenue

Common

 R&D Center

TARGET MARKETS

POWER ENGINEERING



INDUSTRY



ENGINEERING INFRASTRUCTURE



MEMBERS OF THE NEC GROUP

 **NARTIS**

 **MOSELECTRO**

 **NEC.TECH**

 **INCONTROL**

 **LZVO**

 **UNITEL**

 **ENHIM**

 **NTZMK**

 **RTC-ELECTRO**

STRATEGIC PARTNERS

URAL TURBINE WORKS

NEVSKY TRANSFORMER FACTORY

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INTELLIGENT ENERGY SUPPLY SYSTEMS: FROM SOURCE TO CONSUMER

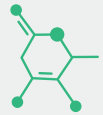
Control and management systems for energy facilities

- Automated process control systems
- Relay protection and emergency automation
- Industrial networks and communication systems



Energy chemistry

- Fire-resistant hydraulic fluids to ensure the operation of oil-filled equipment
- Oil cleaning plants and maintenance



Distribution equipment

- Complete switchgear with gas insulation (GIS) 6 (10), 20, 35, 110-750 kV
- High voltage equipment 110-750 kV
- Switchgears 0,4-35 kV
- Current conductors up to 35 kV
- Busbars 0,4 - 1 kV



Metal structures of any complexity

- Frames of energy blocks and industrial buildings
- Civil engineering facilities and unique buildings
- Power transmission poles of any complexity



Power transformers 35-500 kV

- Power oil transformers up to 330 kV
- Mobile, furnace, traction transformers



Electric charging infrastructure

- Electric charging stations 20-240 kV
- Power storage devices
- Charging station management systems



Intellectual measurement and commercial accounting systems

- Communication modules
- Smart energy meters (power, water and gas)
- Cryptographic protection of accounting systems



Innovative solutions

- Performing R&D
- The digital twin of the power system
- Intelligent relay protection and automation system
- Computer-aided design system
- Equipment monitoring and predictive diagnostics system



Complex solutions

- Modular and mobile substations 220/110/35/20/10 kV
- Concrete transformer substations 6-20 kV



Services

- Design of power supply facilities for all voltage classes
- Installation and commissioning of the supplied equipment
- After-sales service
- Full life cycle contracts

