


FACTS LIST

«NEC» – National Energy Company.


Is a group of companies-manufactures of innovative products and solutions for electrical engineering market, instrumentation and industrial automation. NEC is a consolidation of a scientific and manufacturing capacity to provide the technological independence of Russia and a new intellectual level of industry as a whole.

NEC IN FIGURES


> 112 000 sq m

 total manufacturing space

> 2 500 pers

 number of persons

50 mlrd rbls

 total revenue

Common

 R&D Center

TARGET MARKETS

POWER ENGINEERING



INDUSTRY



**ENGINEERING
INFRASTRUCTURE**



MEMBERS OF THE NEC GROUP

 **NARTIS**
NEC group

 **MOSELECTRO**
NEC group

 **NEC.TECH**

 **INCONTROL**

 **UNITEL**
NEC group

 **ENHIM**
NEC group

 **NTZMK**
NEC group

STRATEGIC PARTNERS

**URAL TURBINE
WORKS**

**NEVSKY TRANSFORMER
FACTORY**

**VORONEZH
TRANSFORMER**

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INTELLIGENT ENERGY SUPPLY SYSTEMS: FROM SOURCE TO CONSUMER

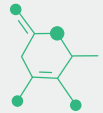
Control and management systems for energy facilities

- 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 6 (10), 20, 35, 110-500 kV
- Switchgears 0,4-35 kV
- Current-carrying pipeline 0,4-35 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

