***More than half a century in the energy sector!***

***our history***

JSC Orgess was founded in 1961 and is a leading company in the field of setting up energy equipment, introducing advanced technologies, improving the operation of energy enterprises involved in the generation, distribution and use of electrical and thermal energy.

## *Orgres today*

JSC Orgres specializes in the design, development and implementation of complex technical solutions for industrial enterprises and works with various industries, such as mechanical engineering, energy, chemical industry, food industry and others. Maintenance and service on an ongoing basis of 11 thermal power plants with a total generating capacity of more than 13,500 MW.

Development of promising innovative areas in the field of energy, energy efficiency and ecology

More than 60 years of experience in implementing national and international energy projects

Successfully completed projects in the energy sector

Design Institute ORGRES Project

Own testing and analytical laboratories.

## *Our capabilities*

* —

Technical customer functions

* —

Development of technical specifications for the customer

* —

Technology Selection

* —

Development of technical requirements for equipment

* —

Construction and installation management

* —

Testing and commissioning

* —

Attracting investments for the project

* —

Introduction of energy efficient technologies

* —

Design

* —

Equipment supply

* —

Commissioning works

## *Geography of projects*

Our company’s specialists have completed a large volume of commissioning work and technical assistance during operation at energy facilities both in neighboring countries and in non-CIS countries: Ethiopia, Morocco, India, Vietnam, Yemen, Iraq, Afghanistan, Finland, Germany, Yugoslavia, Bulgaria, Egypt, Cuba, Algeria, Pakistan, Mongolia, etc.

## *Our partners*

## Our contacts

Email

[info@orgres.uz](mailto:info@orgres.uz)

Phone number

[+998 71 278 95 90](tel:+998%2071%20278%2095%2090)

[100096, Tashkent, Chilanzar district, st. Mukimi, 190](https://test.orgres.uz/ru/)

## *Air purifiers*

Clean air is the key to health and longevity. We'll help you improve your workplace health and protect the environment. To achieve this, it is necessary to provide effective and efficient means of air purification. Air purification from toxic pollutants of acidic and basic nature, unpleasant smelling substances:

* Vapors of acidic substances (SO2, SO3, HCl , HF, CrO3, NxOy , HCOOH, H2SO4, etc.);
* Vapors of basic substances (NH3, amines , etc.);
* Hydrogen sulfide, formaldehyde, carbon monoxide (CO);
* Odors in pig farms, cattle farms, fish farms , etc.

AIR CLEANING FOR ENTERPRISES, ADMINISTRATIVE BUILDINGS AND SOCIAL INSTITUTIONS.

### RESTORATION OF DEGRADED SOILS

Production of substrate for growing plants on degraded, saline, contaminated soils; Increasing soil fertility; Increase in the amount of biomass; Environmentally friendly product;

### WASTE MANAGEMENT

Accelerator of biological processes, reducing the time of biomass decomposition; Elimination of odors of organic origin; Processing waste into biofuel ; Production of biodegradable materials.

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## *Maintenance of electric power facilities*

Participation in comprehensive and targeted surveys of enterprises, analysis of repair and operational status and development of recommendations to improve the reliability and efficiency of equipment. To ensure the longevity of use of electric power facilities, ORGES takes an active part in comprehensive and targeted surveys of enterprises, analysis of repair and operational status and development of recommendations for improving the reliability and efficiency of equipment.

* Comprehensive start-up and operational adjustment of newly built, expanded and reconstructed energy enterprises;
* Carrying out all types of tests of thermal mechanical and electrical power equipment;
* Maintenance and improvement of operation;
* Examination of projects of energy enterprises;
* Automation of technological processes;
* Development of technical proposals and regulatory documents for the operation of power equipment;
* Experimental research work and introduction of new equipment and technologies;
* Development of computer training systems and simulators;
* Design, installation, adjustment and implementation of ASKUE, ASDU and communication systems;

REPAIR OF POWER EQUIPMENT

### EXPERIENCE

The group's enterprises have unique reference experience in repairs, technical re-equipment, modernization and repair and maintenance services, manufacturing and supply of equipment, automation equipment and instrumentation .

### STAFF

We have highly qualified employees (designers, programmers, adjusters, chief specialists, installation personnel).

### GUARANTEES

We provide guarantees for all work performed and components supplied.

### PRICES

Lower than that of foreign companies with the same quality of work.

### SERVICE

We have mastered all levels of maintenance and repair of gas turbines. We offer full expert service support. Our service department is an international team of specialists.

## Our contacts

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## *Energy efficient solutions*

DISTRIBUTION, SAVINGS AND ENERGY ACCOUNTING

* Individual heating points
* Central heating points
* Askue systems
* Thermal insulation
* Network engineering
* Cleaning and restoration of utility networks

Distributed energy represents energy sources located in close proximity to the consumer, providing: reduction of losses during transportation; environmental friendliness ; economic efficiency; independence.; ORGRES implements distributed energy projects under the terms of EPC, PPP, concession agreement, energy service contract

### LIQUID THERMAL INSULATION

It has a record low thermal conductivity coefficient, which allows the material to be applied several millimeters thick to obtain a reliable thermal insulation coating. It also has anti-corrosion properties, prevents the formation of condensation, and does not support combustion. Can be used in hard-to-reach places and places with limited space.

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## *Local energy*

Recently, there has been a reduction in the growth rate of commissioned high- and ultra-high-capacity power plants operating in regional centralized energy supply systems. At the same time, local energy is developing, the number of generating facilities of small and medium power, close to consumers, with minimal systems for the transmission and distribution of electrical and thermal energy, is increasing.

### MINI-CHP BASED ON GAS PISTON UNITS

Cogeneration technology used in mini-CHP allows for the joint production of electricity and heat, increasing the efficiency of the installation to 90%. Trigeneration technology allows you to additionally produce cold or CO2. Minimal losses during transportation of energy resources and high efficiency of the station ensure low cost of electricity and heat in comparison with tariffs of centralized networks.

### AUTONOMOUS HEATING STATION (ATP)

Allows you to provide an object with thermal energy without the need to connect to centralized heating networks through the use of a thermal molecular reactor powered by an electrical network or solar collectors. Innovative technology allows for the conversion of 1 kW of electrical energy into 3 kW of thermal energy, resulting in high economic efficiency from implementation in comparison with heating from electric boilers, gas boilers and centralized networks.

### UNINTERRUPTED POWER SUPPLIES

Improving the reliability and productivity of generating and industrial equipment.

### BOILER HOUSES

boiler stations are the result of an analysis of many years of experience in the design, production and maintenance of thermal power equipment. A wide range of products allows us to meet the customer’s needs in technical, economic and environmental terms. Possibility of implementation in block -modular and in-shop execution.

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# *Management*

### Mukhitdinov Muhammad Kudratullaevich

Chairman of the Supervisory Board

### Egamberdiev Dilshod Khudoiberdievich

CEO

### Gabdurashidov Rashit Anatolyevich

Head of Electrical Department

### Rakhmanov Abboskhon Abdubosidovich

Head of Boiler and Turbine Department

### Abdullaev Farhad Khodzhimuradovich

Head of operations

### Akimkina Olga Nikolaevna

Head of HR Department

### Karimov Ruslan Askarovich

Advisor to the Chairman of the Supervisory Board

### Osilbekov Alisher Otmishbaevich

Advisor to the Chairman of the Supervisory Board

### Akilkhanov Shukhratjon Tahirovich

Director of General Affairs

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