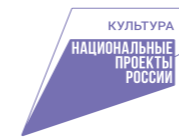




National Project: EDUCATION

Geographical spread of projects:
Republic of Chuvashia, Perm, Belgorod Region, Oryol, Moscow, St. Petersburg



National Project: CULTURE

Geographical spread of projects:
St. Petersburg, Republic of Mordovia, Belgorod, Kaluga Region, Nizhny Novgorod Region

PJSC Rosseti Volga

Project	Construction of a general education school in the town of Mariinsky Posad in the Republic of Chuvashia
Work done	As part of the grid connection, 2,569 m of 10 kV OTL with protected wire and 567 m of 10 kV cable line were constructed, and 10/0.4 kV double-transformer integrated transformer substation (400 kVA installed capacity of each transformer) was installed
Outcome	The school can be attended by 329 students, and a new IT class was opened there

PJSC Rosseti Ural

Project	A new educational cluster of the Shvetsov Aviation Technical School in Perm
Work done	As a part of the grid connection, power engineers completed the following: <ul style="list-style-type: none"> Renovation of 0.4/6 kV switchgears Installation of two new transformers with a capacity of 1.25 MVA each
Outcome	The opportunities of one of the specialised educational institutions were expanded for the development of the domestic engine building industry

JSC Rosseti Yantar

Project	Renovation of the Litva bastion in Kaliningrad
Work done	15 kW power required for the object was provided. Scope: construction of 0.4 kV PTL from TP-869 transformer substation with installation of 0.4 kV switchgear and the establishment of electricity metering system
Outcome	The historical location was brought back to life: a tourist route was created along the places where the young Peter the Great used to visit and an exhibition about the history of the fleet

PJSC Rosseti Lenenergo

Project	Roschinsky Cultural Leisure Centre in the Vyborgsky district of the Leningrad Region
Work done	240 kW of additional power was allocated to the centre's training site
Outcome	Total connected capacity exceeded 760 kW. The facility is supplied with electric power via 0.4 kV grids. The centre holds various events for residents of the villages of Roshchino, Tselodubovo and Pushnoye in the Leningrad Region

PJSC Rosseti Centre

Project	Construction of a school for 1,000 students in the residential area Novosadovy-41 of the Belgorod district in the Belgorod Region
Work done	Grid connection was completed. Connected capacity is 1.26 MVA. PTL length is 0.46 km
Outcome	The school is put into operation. A modern space for obtaining quality knowledge is ready for the educational process

PJSC Rosseti Centre

Project	Digital Transformation Laboratory of the Oryol State Agrarian University named after N.V. Parakhin
Work done	The laboratory replicated the architecture for the digital power grid region (PGR), the whole complex of distributed automation objects, a pole-type transformer substation, and the highly automated workplace of a PGR dispatcher
Outcome	The presented modern equipment of domestic manufacturers allows to train students of the university in technological processes on a practical level and to solve the task of training highly qualified personnel of the Oryol Region

PJSC Rosseti South

Project	Connection to the Company's grids of the Bishops' Chambers with the house church of the Saviour of All Mighty Grace, which are the part of the architectural ensemble of the Astrakhan Kremlin
Work done	Provided power is 150 kW
Outcome	The Astrakhan Kremlin is the main attraction of the regional centre. In the course of a full-scale repair and restoration project, the interior decoration of the chambers was recreated, and the lost dome with a cross covered with gold leaf was installed on the church

PJSC Rosseti South

Project	Renovation of the former Pobeda cinema in Volgograd
Work done	A new transformer substation was installed. One of the oldest buildings in the city received 520 kW of additional power
Outcome	The walls of the legendary building will house a regional puppet theatre and theatre studios for children. Now, the name of the building is the House of Childhood

PJSC Rosseti Moscow Region

Project	Power supply to the Pioneers Palace (Vorobyovy Gory in Moscow)
Work done	Two integrated cubicle transformer substations with 2x1,600 kVA and 2x630 kVA transformers equipped with power metering and teleautomatic covering remote monitoring, metering and control, as well as relay protection, and automatics. Two 10 kV cable lines and 32 0.4 kV cable lines with a total length of more than 11.3 km were routed
Outcome	The increase in capacity was 2.3 MW. The facility will be provided with power supply under the second category of reliability, and in case of disturbances on one line, the reserve line will be activated for power supply

PJSC Rosseti Lenenergo

Project	Construction of a new school in St. Petersburg
Work done	The 10/0.4 kV integrated cubicle transformer substation was constructed, 10 and 0.4 kV cable lines were routed, and a smart power metering system was installed
Outcome	Additional power allocated is 963 kW. The school is designed for 1,100 students: 44 classes of 25 students each

