

KEY EVENTS OF THE COMPANY

2021



January

Rosseti Kuban connected two new rural health facilities in the Yeysk District to its grids. The Leningrad branch of PJSC Rosseti Kuban powered a general practitioner's office and a modular rural health post in the village of Morevka and the isolated farmstead of Priazovka in the Yeysk District of the Krasnodar Territory.

The Sochi branch completed the construction of a 0.4 kV overhead power line (OPL) for a rural boiler house. A new power facility was built in Kroyanskoye village, Shepshinskoye settlement of the Tuapse District of the Krasnodar Territory as part of the modernisation of the power supply system.

Rosseti Kuban started the renovation of power distribution grid facilities in Yuzhny settlement, a suburb of Krasnodar. The renewal of the power grids and the use of modern new larger cross-section wire will relieve the load on the existing PTL and improve the quality of the power supply to consumers in the fast-growing settlement.



February

The 110 kV Pochtovaya substation in Krasnodar started a major renovation. The power of the power centre, which powers the households of the Hydrostroiteley residential area, will be increased, once upgraded, by one third and will amount to 80 MVA.

Rosseti Kuban budgeted RUB 2.3 bn on upgrading major substations in Sochi. The key power centres of the resort city of Sochi – 110 kV Adler, Kudepsta and Pasechnaya substations will be modernised as part of Rosseti Kuban's investment programme.

Rosseti Kuban budgeted more than RUB 3 bn for repair and maintenance of power grid facilities in the Krasnodar Territory and the Republic of Adygea in 2021. The scope of work includes almost 10,000 km of overhead power lines, about 1,800 transformer substations, and the replacement of 67,000 insulators.

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ABANDONED POWER FACILITIES OVER THE PAST THREE YEARS WERE TAKEN INTO SERVICE BY THE KRASNODAR BRANCH OF ROSSETI KUBAN IN 2019–2021 (44 KM OF PTLs, 22 TSS WITH A TOTAL CAPACITY OF 6.3 MVA)

March

Rosseti Kuban is set to carry out a large-scale renovation of one of the major power centres of the Maikop District of the Republic of Adygea — 35 kV Kuzhorskaya substation and the outgoing 10 kV overhead power line. After upgrade, the capacity of the power facility will quadruple to 20 MVA.

The specialists of Rosseti Kuban began an extensive renovation of the power facilities in Gostagaevskaya stanitsa at the suburb of Anapa, where the energy infrastructure is virtually the only source of light and heat for the residents of the settlement. In order to improve the reliability of energy supply to consumers, the power engineers will build two new power transmission lines of 10 kV with a length of 6.6 km in the shortest possible terms and install 130 poles.

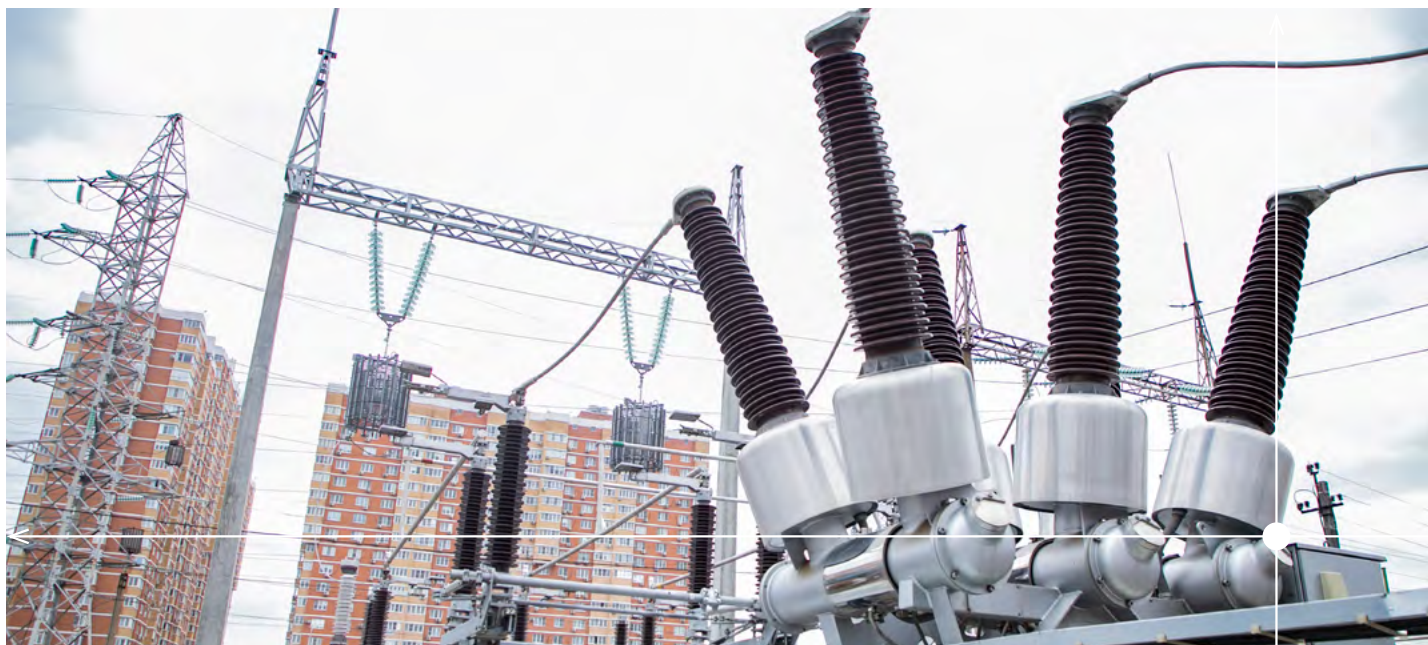
The Armavir branch of Rosseti Kuban started the repair of the 110 kV Rechnaya – Zabaikalovskaya overhead power line as part of the repair campaign with an aim to ensure a high level of power grid reliability. The total amount of funding allocated to repairs is RUB 1.3 mn.

Specialists of the Adygea branch of Rosseti Kuban got at the repairs of 110 kV Kabardinskaya – Navaginskaya, Belorechenskaya Tyagovaya – Ochistnye Sooruzheniya and Tsentralnaya – Severnaya overhead power lines.

April

The Company published its three-month results. Since the beginning of the year, the power engineers of Rosseti Kuban's South-West branch have powered almost 100 agricultural enterprises in the Abinsky and Krymsky districts, as well as in the suburbs of Anapa, Novorossiysk and Gelendzhik. The total capacity of the connected agricultural facilities in the South West energy district was 2 MW. During the same period, power engineers of the Armavir branch of Rosseti Kuban repaired 790 km of overhead power lines and 43 transformer substations in five eastern districts of Kuban.

Rosseti Kuban, a branch of Adygean Power Grids, and Maikop State Technological University signed a cooperation agreement on the rights of social partnership. The event was attended by Saida Kuizheva, rector of Bauman Moscow State Technical University, and Rustam Magdeev, director of the Adygeyan Power Grids.



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May

Andrey Ryumin, head of Rosseti Group, and Veniamin Kondratyev, governor of the Krasnodar Territory, discussed the functioning and development of the power grid complex in the region. The participants in the meeting reviewed the progress of the grids' preparation for the holiday season – 970 transformer substations and over 5,600 km of overhead power lines of the distribution grids were repaired, and 39,000 insulators were replaced. To minimise the risk of creeping fires, about 950 hectares of PTLs were cleared.

Rosseti Kuban completed the grid connection of a solar power generation facility with a capacity of 4.5 MW in the Shovgenovskiy district of the Republic of Adygea. To technically connect the new facility, power engineers built a 10 kV overhead power line and expanded the 110 kV Shovgenskaya substation by installing additional cubicle outdoor switchgears. This is the key power centre of the homonymous district in northern Adygea, where more than 16,000 people live.

Specialists from Rosseti Kuban won the regional professional skills competition Best in Profession organised by the Ministry of Fuel and Energy Complex (FEC), Housing and Utilities Services of the Krasnodar Territory.

The Company summed up the results of teaching schoolchildren the basics of electrical safety: during the 2020/2021 school year, lessons were conducted in 30 schools in the suburbs of Novorossiysk, Anapa, Gelendzhik, and the Abinsky and Krymsky districts of the Krasnodar Territory, involving a total of 1,500 schoolchildren aged 7 to 15.

Andrey Ryumin, Director General of Rosseti Group, presented Boris Ebzhev, the new head of Rosseti Kuban, to the Governor of the Krasnodar Territory, Veniamin Kondratyev. The meeting also discussed the prospects for the development of the regional power grid complex.



June

Since the beginning of the year, more than 35 socially important facilities in the Krasnodar Territory and the Republic of Adygea have been connected to Rosseti Kuban's grids. The total capacity of new consumers in this category was more than 4 MW. New consumers include health care, education and sports facilities.

Specialists at Rosseti Kuban's Krasnodar branch repaired 12 major power centres and over 100 transformer substations. This made it possible to improve the reliability of power supply to 500,000 household consumers and a number of industrial consumers in the suburbs of Krasnodar, the adjacent Dinsky, Seversky and Goryacheklyuchevsky Districts in the Krasnodar Territory, as well as the Takhtamukaisky and Teuchezhsky Districts in the Republic of Adygea.

Rosseti Kuban's Adygea branch has overhauled 1,160 km of overhead power lines since the beginning of 2021. These PTLs supply electricity to consumers and important social facilities in eight districts in the Krasnodar Territory and the Republic of Adygea, with a total population of over 520,000 people.

The Company reported that the Armavir branch of Rosseti Kuban carried out an overhaul of the power equipment at the 35 kV Nikolenskaya substation. The power centre supplies electricity to ten socially important facilities and over 7,500 residents of the Gulkevichy District. More than RUB 2.4 mn have been allocated to improve the reliability of the energy hub.

July

During a working meeting in Maikop, the Head of the Republic of Adygea, Murat Kumpilov, and the acting General Director of Rosseti Kuban, Boris Ebzeev, discussed the prospects for modernising the region's energy infrastructure. Representatives of Rosseti Kuban reported that the Company plans to invest RUB 4.2 bn in the development of the power grid complex in the Republic of Adygea by 2023.

The head of Sochi, Alexey Kopaigorodsky, thanked power engineers from Rosseti Kuban for their concerted efforts in organising and carrying out restoration and remedial measures at flooded power facilities and ensuring the electrical safety of the population.

Specialists at the Company's Krasnodar branch have prepared about 600 km of power transmission lines and about 150 power centres of various voltage classes for the autumn-winter season of 2021/2022. The taken technical measures improved power supply reliability for more than 900,000 residents of Kuban and Adygea.

August

Rosseti Kuban summed up the results of the seventh labour season of student teams. Eight teams of students from higher and secondary educational institutions in the Krasnodar Territory and the Rostov Region took part in the 2021 summer season – a total of about 100 people.

The Company's specialists conducted an online tour of the 220 kV Port substation for participants of the energy project shift of Rosseti Group. The participants were 83 teenagers with strong performance in the All-Russian Olympiad for power grid holding students and nominees of the All-Russian Forums "Step into the Future", "ProeKToriya", and "Big Challenges" – a scientific and educational programme of Sirius.

The Rosseti Young Professionals Open Corporate WorldSkills Professional Skills Championships were held in Krasnodar, with ten teams from across Russia partaking.



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September

During his working trip to the Southern Federal District, Andrey Ryumin, Director General of Rosseti, held a meeting with Boris Ebzeev, Head of Rosseti Kuban, discussing the key issues of preparation for the autumn-winter period. The total funding for Rosseti Kuban's annual programme to repair and maintain power grid facilities in the Krasnodar Territory and the Republic of Adygea in 2021 amounted to RUB 3.06 bn.

During an offsite meeting with the head of Sochi – Alexey Kopaigorodsky, Edgar Armaganyan, First Deputy General Director, Director of Rosseti Kuban – Sochi Power Grids branch, spoke about the staged modernisation programme for three key power centres located in the resort city of Sochi.

The Company summed up the results of its summer campaign to prevent electrical injuries among children and teenagers. Almost 5,000 children and teenagers in the Krasnodar Territory and the Republic of Adygea joined the Safe Energy – Happy Summer campaign during the summer school holidays. Theme-based activities were held at school grounds, summer recreation camps and children's centres.

Since the beginning of 2021, 24 pre-school and general education institutions have been connected to Rosseti Kuban's power grids. The total capacity delivered to schools and kindergartens was 1.4 MW.

Rosseti Kuban's team won the WorldSkills Professional Skills Championship in the Smart Metering Systems competency.

October

Rosseti Kuban, PJSC commissioned about 20 MW of additional capacity for the grid connection of subsidised consumers in the suburbs of Novorossiysk, Anapa, Gelendzhik, and the Abinsky and Krymsky Districts of the Krasnodar Territory.

Since the beginning of 2021, over 22,000 consumer terminals in the Krasnodar Territory and the Republic of Adygea have been connected to the grid. The Company's capacity output totalled 556 MW.

During the Russian Energy Week 2021 international forum, Rosseti Kuban and the research and production enterprise JSC Radio and Microelectronics signed a strategic cooperation agreement to initiate the pilot operation of new Russian-made high-tech equipment at power grid facilities.



November

Specialists of the Adygea branch of Rosseti Kuban completed the grid connection of four obstetric stations in rural settlements of the Krasnodar Territory and the Republic of Adygea since the beginning of 2021. The total capacity of the connected health facilities was 60 kW.

The Company earmarked more than RUB 3 bn to finance the 2021 repair campaign. Measures to prepare Rosseti Kuban's power grids for reliable operation in the autumn-winter period are fully implemented, with some indicators overrun by 100%. The Company received a certificate of readiness for the autumn-winter period 2021/2022. The decision on the readiness of electric power industry entities is formalised by Order No. 1-191 of the Ministry of Energy of the Russian Federation.

Since the beginning of 2021, the Company's Krasnodar branch has uncovered 337 cases of off-the-meter and uncontracted consumption in Krasnodar and five neighbouring districts in the Krasnodar Territory and the Republic of Adygea. In monetary terms, the damage to the region's power system exceeded RUB 122 mn. The relevant certificates were filed for all the cases, and claims work was initiated.

Rosseti Kuban took part in the Labour, Protection, Security of the Electric-Power Industry! online conference, which was held as part of the business programme of the forthcoming international specialised exhibition on Occupational Safety and Health. During this conference, Rosseti Group presented a pilot project for implementing the Vision Zero concept, which is put in place in Rosseti Kuban as well.

Representatives of Rosseti Kuban reported on the construction of a new power centre – the 110 kV Yuzhnaya Ozereyevka substation and its outgoing high-voltage power lines in the suburbs of Novorossiysk. Project investments approximated RUB 1.4 bn.

Rosseti Kuban's team won in the Smart Metering System competence at the VIII National Championship of Cross-Industry Working Professions in High-Tech Industries according to the WorldSkills methodology in Yekaterinburg.

December

The Company powered the Hermonassa – Tmutarakan archaeological complex, which is part of the Taman Museum Complex – a branch of the Krasnodar State Historical and Archaeological Museum-Reserve named after E. Felitsyn.

Employees of Rosseti Kuban's Sochi branch – Alexey Lobanov, head of the Retrofitting and Renovation of Power Grid Facilities, and Dmitry Krutov, head of the Operations and Dispatch Service – won the All-Russian Energy Leaders competition. The awards ceremony and a meeting with the Group's top managers took place in Moscow on Power Engineer Day.

Since the beginning of the year, employees of the South-West Power Grid branch of Rosseti Kuban have stopped 92 cases of off-the-meter and uncontracted consumption in Anapa, Novorossiysk, Gelendzhik, the Krymsky and Abinsky Districts of the Krasnodar Territory. The damage to the region's power system amounted to more than RUB 20 mn. Several illegal taps were found in large rural settlements such as Raevskaya and Natukhaevskaya stanitsas on the outskirts of Novorossiysk.

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January

In 2022, Rosseti Kuban, PJSC will allocate more than RUB 100 mn to repair power grid equipment in five districts of the Krasnodar Territory: Tikhoretsky, Novopokrovsky, Pavlovsky, Beloglinsky and Krylovsky Districts – as well as more than RUB 127 mn for repair and maintenance of power grid facilities in the suburbs of Anapa, Gelendzhik, Novorossiysk, and the Abinsky and Krymsky Districts of the Krasnodar Territory.

The Company reported on the results of its HR-related efforts. In 2021, more than RUB 75 mn were allocated to skill upgrading and re-skilling courses for its employees. More than 8,500 employees of the Company (over 95% of the total staff) completed their training in additional vocational education organisations.

The Company summed up the results of installing the bird diverters in 2021. In the reporting period, more than 4,200 diverters were installed in Rosseti Kuban's area of responsibility. The largest number of devices have been installed in the Adygean, Leningrad and Sochi energy districts, where there are numerous specially protected natural areas. The installation of bird diverters on power lines helps to conserve the bird population and prevent possible disruptions to the power supply.



February

The Government House of the Republic of Adygea hosted a working meeting between Murat Kumpilov, Head of the Republic, and Boris Ebzeev, Acting General Director of the Company, where they discussed plans to modernise the energy infrastructure in the region. Rosseti Kuban will channel more than RUB 3.8 bn of investments in 2022–2023 to expand the power grid complex in the Republic of Adygea under a cooperation agreement between the Adygean Cabinet of Ministers, Rosseti Group and the Company signed in 2020.

Rosseti Kuban's investments in the modernisation and construction of new power grid facilities in the Krasnodar Territory and the Republic of Adygea will double in 2022 compared to the previous year and amount to over RUB 8 bn. The Company's investment will allow commissioning more than 530 MVA of capacity, as well as about 490 km of new power transmission lines.

Power engineers of Rosseti Kuban's branch – Adygeyan Power Grids will install 2,000 new-generation electricity meters in 2022 in the Apsheronsky and Belorechensky Districts of the Krasnodar Territory and the Giaginsky, Maikop, Krasnogvardeisky, Koshekhablsky and Shovgensky Districts of the Republic of Adygea.



March

Rosseti Kuban plans to apply more than RUB 3 bn to repair and maintain the facilities of the Power Grid Complex of the Krasnodar Territory and the Republic of Adygea in 2022. The repair will cover almost 7,700 km of overhead power lines, about 1,500 transformer substations, including the replacement of over 58,000 insulators.

Since the beginning of 2022, specialists at the Sochi branch of Rosseti Kuban have recovered by action about RUB 1.2 mn in damages from unauthorised electricity consumption. Inspections in the Sochi and the Tuapse region uncovered five cases of illegal tampering with electricity metering.

The Company has provided electricity to 135 agricultural enterprises in the Abinsky and Krymsky Districts of the Krasnodar Territory, as well as the suburbs of Anapa, Gelendzhik and Novorossiysk since the beginning of 2022. The total capacity connected to the grid was 2.4 MW.

3

RUB bn

WILL BE APPLIED BY ROSSETI KUBAN, PJSC TO REPAIR AND MAINTENANCE OF THE POWER GRID FACILITIES OF THE REPUBLIC OF ADYGEA IN 2022.

