Press release

June 6th 2025

Rețele Electrice România upgrades the distribution network in Sector 3, Bucharest

Bucharest – Rețele Electrice România, part of the PPC Group in Romania, has recently completed the modernization of the medium-voltage distribution network in the area of Mizil, Policolor, and Ozana in Sector 3, Bucharest, following an investment of approximately 12 million lei, with the purpose of providing a more efficient and resilient electricity distribution service.

The investment project involved upgrading the distribution voltage from 10 kV to 20 kV in the area of Mizil, Policolor, and Ozana, by creating a network of medium voltage cables with an enlarged section of 20 kV from the 110/20/6 kV Dudești station, marking an important step towards the resilience and efficiency of the distribution network.

The operation of the medium voltage network at 20kV ensures the doubling of the distribution capacity, specifically, it allows for the current consumption to be doubled, in increased safety measures of the power supply and greater efficiency in terms of the own technological consumption of the network. The increase in distribution capacity allows not only for the growth in consumption of existing customers but also for the connection of new users.

To implement this technical solution, there were approximately 21 kilometers of 12/24 kV cable laid, and 61 transformer stations were fully modernized to operate at the new voltage level. On top of that, to integrate these stations into the new 20 kV network, over 400 sleeves and over 350 terminals in the medium voltage cells were installed, while for automation and telecontrol of the distribution system of the 61 posts it was necessary to install around 16 kilometers of optic fiber cables to ensure efficient and fast communication.

„*This modernization project is more than just a technical project – it's a strategic step in the energy transition. The upgrading of the network to 20 kV means improved efficiency, better services for consumers, a direct contribution to reducing the environmental impact and the possibility of developing socio-economic and commercial developments in the area. It is our commitment to contribute to a sustainable, technologically advanced, and resilient energy future*," said Mihai Pește, General Director of Rețele Electrice România.

The total value of the investment grew to approximately 12 million lei and is part of the company's strategy to increasing the technological performance of the urban power grid, with the purpose of responding to the needs of the consumers/communities, and to efficiently integrate renewable energy sources.

Rețele Electrice România continues its investment plan in 2025 for its area of responsibility, with the objective of creating a modern electricity distribution, digital and ready to respond to its consumers with solutions adapted to new realities of the energy transition. This year, Rețele Electrice România plans to invest more than 730 million lei. On top of that, there will be projects with funding attracted from the POIM and the Fund for Modernization in the three areas, Banat, Dobrogea and Muntenia South, which will be completed in the period 2026-2029 worth 1.4 billion lei, of which approx. 340 million lei which will be fully founded from own founds. By the end of the 2025, the total number of smart meters installed by the company

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Rețele Electrice România will reach approximately 2 million, the highest volume reached by any electricity distribution operator from Romania.

Rețele Electrice România operates electricity networks with a total length of approximately 134.000 kilometers across three important regions of the country: Southern Muntenia (including Bucharest), Banat and Dobrogea, covering one-third of the local distribution market, and developing a program of investments aimed at improving the service quality, the network safety and performance, and local implementing of the PPC Group's environmental standards. The electricity networks operated by Rețele Electrice România include 289 substations and more than 25.000 secondary substations.

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