

Press release

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Rețele Electric Dobrogea invests over 67 million lei in the modernization of the energy infrastructure in the Năvodari area

- *Rețele Electric Dobrogea invests over 67 million lei in the modernization of the Năvodari station and related infrastructure, for the benefit of 27,500 customers*
- *The modernization project represents a significant investment to transform and digitize the configuration of the electricity network to increase its resilience*

Rețele Electric Dobrogea (a company part of the PPC group, previously called E-Distribuție Dobrogea), is modernizing the Năvodari primary station and the medium-voltage power lines in the area, as part of two projects with a total value of 67 million lei.

The projects will be financed both from own funds and from European grants attracted through the Modernization Fund, and aim to increase the resilience of the network, considering future consumption needs. The energy installations currently serve around 27,500 customers.

"The modernization of the Năvodari substation marks a significant moment in our ongoing efforts to strengthen the reliability, resilience and efficiency of the electrical infrastructure in the area. By investing in advanced technologies and sustainable practices, we aim to meet the changing needs of our customers and contribute to a clean and sustainable energy future in the face of increasingly frequent and intense climate challenges," said Mihai Pește, General Manager of Rețele Electric companies.

The company has already started the modernization works at the 110/20 kV Năvodari substation. The 20 million lei, self-funded project will involve the replacement and modernization of all equipment, including transformers, switchgear and control systems, to improve overall operational efficiency and reliability.

Rețele Electric Dobrogea will also integrate advanced monitoring and control systems, using smart grid technologies to enable real-time monitoring, predictive maintenance and optimized energy distribution. The station was already integrated into the remote control system, which allows for

remote maneuvers, reducing intervention times, and by implementing modernized equipment and systems, it will be better prepared to operate even in conditions of potential disturbances, including those generated of extreme weather phenomena such as storms and floods.

The works are expected to last approximately 24 months, with minimal disruption to electricity distribution services. Rețele Electrică Dobrogea assures customers and other interested parties of its firm commitment to maintain the highest standards of safety, quality and reliability throughout the project's implementation.

The project to modernize the medium voltage power lines has a value of almost 48 million lei including VAT, of which approximately 31.5 million lei without VAT is financed by European grants. The contract with the Ministry of Energy for non-refundable financing through the Modernization Fund was signed in August last year. The Rețele Electrică companies have launched a public procedure for awarding the contract covering most of the works, worth about 38.7 million lei without VAT. The deadline for submitting offers on the electronic public procurement platform is March 20.

Full details of this funding are available here - <https://www.e-distributie.com/ro/comunicate-de-pres/2023/08/Ministerul-Energiei-si-E-Distributie-Dobrogea-au-semnat-un-contract-de-finantare-prin-Fondul-pentru-Modernizare-pentru-dezvoltarea-si-modernizarea-retelei-electrice-in-Navodari.html>

The 110/20 kV Năvodari substation is located in Năvodari, in the southern part of the city, it was built in 1989 and has a total area of 7,881 m². It was introduced in the Telecontrol system, which allows the management of remote maneuvers since 2007, being one of the first telecontrolled stations under the management of Rețele Electrică Dobrogea.

The **Rețele Electrică** companies operate networks with a total length of over 133,000 kilometres in three important areas of the country: Southern Muntenia (including Bucharest), Banat and Dobrogea, covering one third of the local distribution market, and are developing an investment program to improve service quality, network safety and performance and local implementation of PPC Group's environmental standards. The power grids operated by the three Rețele Electrică companies include 287 primary stations and over 24,000 substations.