

## Press release

November 21<sup>st</sup> 2025

### Rețele Electrice România accelerates the digitalization of the distribution network with new IT solutions for integrated network management

**Bucharest** – Rețele Electrice România begins the implementation of a new advanced, automated distribution management system (AADMS) and workforce management system (WFM), thus continuing the digitalization of the electricity distribution network. The project has a value of over 135 million lei, and the services were purchased following a tender held on SEAP, the public procurement platform.

*"We are constantly modernizing the electricity distribution network, with the aim of increasing its resilience and flexibility, so that our services best meet the current and future needs of our customers. The implementation of new advanced monitoring, control and operational efficiency systems will allow for better grid management and ensure reliable and secure electricity distribution. At the same time, the digitalization of the infrastructure contributes to the significant reduction of intervention time in case of interruptions in the electricity supply. Through these strategic investments, we aim to strengthen the quality of the distribution service and facilitate the transition to a sustainable energy system, capable of integrating renewable energy sources more efficiently. The new systems will be fully integrated and automated and will replace the existing ones, thus facilitating the use of Artificial Intelligence algorithms to transform the grid into a resilient one and to ensure safe working conditions for our colleagues and partners";* said **Mihai Pește, General Director of Rețele Electrice România.**

The project will address an essential and complex component of increasing the efficiency of electricity distribution, considerably improving the network parameters and the quality of service. This will lead to the reduction of intervention times in the event of interruptions in the energy supply, the processes digitization and the increase of the efficiency of specific activities, as well as the improvement of users' access to the distribution service, the increase of quality for the distributed energy and the reduction of interruptions duration, both planned and unplanned.

The AADMS Integrated Platform, with the power grid analysis and modelling modules (DMS/EMS) will be financed by European funds through the Sustainable Development Program, and the SCADA components and the outage management system (OMS) natively integrated into the platform, as well as the operational efficiency system (WFM) will be financed from its own funds.

The new AADMS platform will contain the integrated SCADA, DMS/EMS and OMS modules and will allow a centralized and automated management of the network, facilitating the monitoring of its performance and the management of rapid interventions to ensure safe operation, at the quality standards imposed in the distribution of electricity.

During this period we initiated the implementation process which is composed of three important stages: 1. defining the detailed design and installing the out-of-the-box (non-customized) systems; 2. implementing, integrating and customizing solutions in accordance with business needs and local regulations; 3. Operationalization of the new systems. These activities are planned to take place over 2 years, followed by warranty and post-warranty periods.

The implementation of the integrated AADMS platform, through all its modules, replaces the current corresponding information systems. The IT solutions are fully integrated and will be automated, so that the electricity distribution network is more resilient and prepared for the challenges brought by climate change and new consumption needs. In addition, through the Operational Efficiency System (WFM), the operation and maintenance processes will be modernized.

The company **Rețele Electrice Romania** 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 Romania include 289 substations and more than 25.000 secondary substations.