

Electricity transmission system operator Transelectrica's electricity network development plan was approved by the National Regulatory Authority for Energy (ANRE) until 2029. Investments worth 1.18 billion euros are planned for upgrading existing electricity transmission networks, for integrating production from renewable sources and other production capacities, for increasing interconnection capacity, for security of supply, as well as for development of IT systems, smart metering, telecommunications systems and critical infrastructure. According to ANRE, over 60 million euros will come from non-reimbursable European funds.

During the period 2023-2024, the construction of Cernavoda-Staple and Smarten-Guianas transmission lines are planned, which will provide the evacuation of the electricity produced from renewable sources in the Dobrogea area to the central, western and northern consumption centers of the country. In addition, in order to increase the security of supply of electricity to the Bucharest metropolitan area, investment works to complete the necessary lines and power stations will be completed in 2024-2029, so as to increase safety and reliability in this area. The development plan will integrate projects of common interest which contribute to the implementation of the European Union's strategic priorities for trans-European energy infrastructure: So-called Black Sea Corridor and Mid-Continental East Corridor, with estimated commissioning times between 2025 and 2027 and interconnection projects aiming at reaching the 15 % interconnection target set at European Commission level by 2030.

In 2020, this indicator has increased to 11 % compared to 7 % in 2017, which is due to the updating of the installed capacity in the national electricity system taking into consideration only the licensed for commercial exploitation groups (as required by ANRE), but also due to the increasing the NTC values on the Bulgarian border from 250-300 MW to 900 MW.