

Romanian electricity transmission system operator Transelectrica announces the elaboration of an open list of strategic projects, which will enable a flexible electricity transmission grid. The company's proposal includes minimum 20 projects, some already underway and requiring expedited implementation:

1. The 400 kV Overhead Line (OHL) Portile de Fier - Resita;
2. The 400 kV double circuit OHL Resita - Timisoara - Sacalaz - Arad;
3. The 400 kV double circuit OHL Cernavoda - Stalpu, with inpu /output circuit in substation Gura Ialomitei;
4. The 400 kV double circuit OHL Smardan - Gutinas;
5. The 400 kV OHL Gadalin - Suceava;
6. The 400 kV OHL Suceava - Balti (Republic of Moldova);
7. The 400 kV OHL Medgidia Sud - Constanta Nord;
8. The 400 kV OHL Isaccea - Tulcea Vest;
9. The 400 kV Underground Transmission Line Bucharest Sud - Grozavesti;
10. The 400 kV Underground Transmission Line Domnesti - Grozavesti;
11. The 400/110 kV Grozavesti substation;
12. Closing the 400 kV ring Bucharest - Ilfov in the eastern zone;
13. Rehabilitation of the conductors of the 400 kV OHL Bucharest Sud - Gura Ialomitei;
14. Rehabilitation of the conductors of the 400 kV axis Bucharest Sud - Pelicanu - Cernavoda;
15. Rehabilitation of the conductors of the 220 kV axis Gutinas - Dumbrava - Stejaru - Gheorgheni - Fantanele - Ungheni;
16. Rehabilitation of the conductors of the 220 kV axis Urechesti - Targu Jiu Nord - Paroseni - Baru Mare - Hasdat;
17. Rehabilitation of the conductors of the 220 kV OHL Portile de Fier - Resita, circuits 1 & 2;
18. Converting the 220 kV axis Brazi Vest -Teleajen - Stalpu to 400 kV and rehabilitation of its conductors;
19. The 400 kV OHL Stalpu - Brasov;
20. New lines of alternating and direct current discharging the on-shore and off-shore wind output of Dobrogea region, namely the output generated by Unit 3 and Unit 4 of the Nuclear Power Plant Cernavoda, along the Tuzla - Podisor and Podisor - Corbu - Hurezani - Hateg - Recas - Horia - Nadlac routes.

The current development of the national electricity transmission network requires expediting the stages of electricity infrastructure projects with a view to provide gradual transition to neutral economy in terms of carbon emissions.

To reconfigure the electricity system and the electricity transmission network in accordance with the new lines established in the European legislative packages Green Deal and Fit for

55, the achievement targets of investment plans implemented by Transelectrica should exceed those already planned. The energy transition requires fast adaptation of the electricity transmission grid and its enhanced extension as provided in the 2020 - 2029 Transmission Network Development Plan.